



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS REGULAR MEETING

September 20, 2017

A meeting of the Bay Area Air Quality Management District Board of Directors will be held at 9:45 a.m. in the 1st Floor Board Room at the Air District Headquarters, 375 Beale Street, San Francisco, California 94105.

Questions About an Agenda Item

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

Meeting Procedures

The public meeting of the Air District Board of Directors begins at 9:45 a.m. The Board of Directors generally will consider items in the order listed on the agenda. However, any item may be considered in any order.

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

This meeting will be webcast. To see the webcast, please visit <http://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes> at the time of the meeting. Closed captioning may contain errors and omissions, and are not certified for their content or form.

Public Comment Procedures

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

Public Comment on Non-Agenda Matters, Pursuant to Government Code Section 54954.3 Persons submitting Public Comment Cards indicating they wish to speak on matters not on the agenda for the meeting will have three minutes each to address the Board on matters not on the agenda. All Public Comment Cards must be submitted in person to the Clerk of the Boards at the location of the meeting and prior to commencement of the meeting. Speakers typically are allowed three minutes each to speak, 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.

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 typically are allowed three minutes each to speak, 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 20, 2017
9:45 A.M.

BOARD ROOM
1ST FLOOR

CALL TO ORDER

Chairperson, Liz Kniss

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

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

CLOSED SESSION

2. **CONFERENCE WITH LEGAL COUNSEL**

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

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9.

B. EXISTING LITIGATION (Government Code Section 54956.9(a))

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

1. **Michael Bachmann and Sarah Steele v. Bay Area AQMD, et al.**, Contra Costa County Superior Court, Case No. C17-01565
2. **Western States Petroleum Association, Valero Refining Company – California, Tesoro Refining and Marketing Company, LLC, and Phillips 66 Company v. Bay Area AQMD.** Contra Costa County Superior Court, Case No. N16-0963

OPEN SESSION

CONSENT CALENDAR (ITEMS 3 – 10)

Staff/Phone (415) 749-

3. Minutes of the Regular Board of Directors Meeting of August 2, 2017

Clerk of the Boards/5073

The Board of Directors will consider approving the draft minutes of the Regular Board of Directors Meeting of August 2, 2017.

4. Board Communications Received from August 2, 2017 through September 19, 2017
J. Broadbent/5052
jbroadbent@baaqmd.gov

A copy of communications directed to the Board of Directors received by the Air District from August 2, 2017 through September 19, 2017, if any, will be at each Board Member's place.

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

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

6. Notices of Violations Issued and Settlements in Excess of \$10,000 in the months of July and August 2017
J. Broadbent/5052
jbroadbent@baaqmd.gov

In accordance with Resolution No. 2012-08, the Board of Directors will receive a list of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the months of July and August 2017.

7. Quarterly Reports of California Air Resources Board Representative - Honorable John Gioia
J. Broadbent/5052
jbroadbent@baaqmd.gov

8. Quarterly Report of the Executive Office and Division Activities for the Months of April 2017 – June 2017
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 2017 – June 2017.

9. Consider Approving the Salary Schedules for Fiscal Year Ending June 30, 2018
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider approving the attached salary schedules.

10. Authorization to Execute a Contract Amendment with Denovo Ventures LLC for Upgrade of the Air District's Financial System (JDE)
J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to execute a contract amendment for upgrade of the Air District's financial system (JDE).

COMMITTEE REPORTS

11. Report of the **Stationary Source Committee** Meeting of September 18, 2017

CHAIR: J. Gioia

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee will receive the following report(s):

A) Update on Wood Smoke Program

1) None; receive and file.

B) Update on Draft Regulation 11, Rule 18: Reduction of Risk from Air Toxic Emissions at Existing Facilities

1) None; receive and file.

PRESENTATION

12. Protecting Refinery Communities from Air Pollution

J. Broadbent/5052
jbroadbent@baaqmd.gov

Staff will provide the Board of Directors an update on the Air District's three-pronged approach to addressing community concerns about air pollution in refinery communities: (1) direct regulation of emissions; (2) capping risk from toxic air emissions; and (3) closely monitoring crude oil properties and refinery pollution.

13. Update on Assembly Bill 617 (AB 617)

J. Broadbent/5052
jbroadbent@baaqmd.gov

Staff will provide the Board of Directors with an update on AB 617.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

Speakers will be allowed one minute each to address the Board on non-agenda matters.

BOARD MEMBERS' COMMENTS

15. *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

16. Report of the Executive Officer/APCO

17. Chairperson's Report

18. Time and Place of Next Meeting:

Wednesday, October 18, 2017, at 375 Beale Street, San Francisco, CA 94105 at 9:45 a.m.

19. Adjournment

The Board meeting shall be adjourned by the Board Chair.

CONTACT:

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

(415) 749-5016
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov

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

Accessibility and Non-Discrimination Policy

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

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

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

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

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

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 BEALE STREET, SAN FRANCISCO, CALIFORNIA 94105
FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

SEPTEMBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED	Monday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	18	9:30 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	1 st Floor Board Room
Board of Directors Climate Protection Committee <i>(Meets on the 3rd Thursday of every other Month)</i>	Thursday	21	9:30 a.m.	1 st Floor Board Room
Board of Directors Public Engagement Committee <i>(At the Call of the Chair)</i>	Monday	25	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	27	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	28	9:30 a.m.	1 st Floor Board Room

OCTOBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	4	9:45 a.m.	1 st Floor Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	16	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED	Monday	16	10:30 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	18	9:45 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	25	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	26	9:30 a.m.	1 st Floor Board Room
Advisory Council Mtg. <i>(Meets on Monday Quarterly)</i>	Monday	30	10:00 a.m.	1 st Floor Board Room

NOVEMBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	1	9:45 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	15	9:45 a.m.	1 st Floor Board Room
Board of Directors Climate Protection Committee <i>(Meets on the 3rd Thursday of every other Month)</i>	Thursday	16	9:30 a.m.	1 st Floor Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	20	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	20	10:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	22	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	23	9:30 a.m.	1 st Floor Board Room
HL – 9/13/17 - 10:50 a.m.				G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 6, 2017

Re: Minutes of the Regular Board of Directors Meeting of August 2, 2017

RECOMMENDED ACTION

Approve the attached draft minutes of the Board of Directors Regular Meeting of August 2, 2017.

DISCUSSION

Attached for your review and approval are the draft minutes of the Board of Directors Regular Meeting of August 2, 2017.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Maricela Martinez

Attachment 3A: Draft Minutes of the Board of Directors Regular Meeting of August 2, 2017

AGENDA 3A– ATTACHMENT

Draft Minutes - Board of Directors Regular Meeting of August 2, 2017

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

Board of Directors Regular Meeting
Wednesday, August 2, 2017

DRAFT MINUTES

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

CALL TO ORDER:

Opening Comments: Vice Chairperson, David Hudson, called the meeting to order at 9:46 a.m.

Roll Call:

Present: Chairperson Liz Kniss; Vice Chairperson Dave Hudson; Secretary Katie Rice; and Directors Teresa Barrett, David J. Canepa, Cindy Chavez, Pauline Russo Cutter, John Gioia, Carole Groom, Scott Haggerty, Tyrone Jue, Rebecca Kaplan, Doug Kim, Nate Miley, Karen Mitchoff, Mark Ross, Rod Sinks, Jim Spering, and Brad Wagenknecht.

Absent: Directors Margaret Abe-Koga, Hillary Ronen, Pete Sanchez, Jeff Sheehy, and Shirlee Zane.

NOTED PRESENT: Chair Kniss arrived at 9:47 a.m.

CLOSED SESSION (commenced at 9:53 a.m.)

Chair Kniss asked Jack Broadbent, Executive Officer/Air Pollution Control Officer, to describe the items that were to be discussed in Closed Session. Mr. Broadbent said that a proposed contract from the Bay Area Air Quality Management Employees' Association was to be presented to the Board for consideration of approval, and that staff anticipates litigation regarding various regulatory issues.

1. **CONFERENCE WITH LABOR NEGOTIATORS** (Government Code § 54957.6(a))

NOTED PRESENT: Directors Haggerty and Miley were noted present at 9:54 a.m.

Agency Negotiators: *Jack P. Broadbent, Executive Officer/Air Pollution Control Officer
Rex Sanders, Director of Executive/Administrative Resources*

Employee Organization: *Bay Area Air Quality Employee's Association, Inc.*

Public Comments:

Public comments were made by Chris Coelho, Bay Area Air Quality Employee Association, Inc. President.

Board Comments:

None.

Board Action:

Brian Bunger, District Counsel, announced that there was no reportable action from this item.

2. **CONFERENCE WITH LEGAL COUNSEL**

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

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

Brian Bunger, District Counsel, announced that there was no reportable action from this item.

OPEN SESSION (commenced at 10:52 a.m.)

CONSENT CALENDAR (ITEMS 3 – 10)

3. Minutes of the Board of Directors Meeting of June 21, 2017
4. Board Communications Received from June 21, 2017 through August 1, 2017
5. Air District Personnel on Out-of-State Business Travel
6. Notices of Violations Issued and Settlements in Excess of \$10,000 in the month of June 2017
7. Consider Approving the Proposed Memorandum of Understanding between the Bay Area Air Quality Management District (BAAQMD) and the BAAQMD Employees' Association
8. Consider Establishing New Job Classifications of Assistant Staff Specialist I at Salary Level 122 and Assistant Staff Specialist II at Salary Level 126
9. Consider Amending the Salary Range for the Human Resources Technician I Job Classification from Salary Range 116 to 122 and the Human Resources Technician II Job Classification from Salary Range 120 to 126

10. Consider Authorizing the Executive Officer/Air Pollution Control Officer to Execute a Contract in an amount not to exceed \$150,000 for the purpose of Agricultural Waste Chipping in Lieu of Open Burning

Public Comments:

No requests received.

Board Comments:

Regarding Consent Calendar Item 7, the Board and staff discussed the terms of the proposed agreement, acknowledging that the effective date of July 1, 2017 has already passed; and the fact that there will be discussions about cost-sharing on medical costs at future negotiations.

Board Action:

Vice Chair Hudson made a motion, seconded by Director Spring, to **approve** the Consent Calendar Items 3 through 10, inclusive; and the motion **carried** by the following vote of the Board:

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

COMMITTEE REPORTS

11. Report of the **Climate Protection Committee** Meeting of May 18, 2017

Climate Protection Committee Chair Barrett read:

The Climate Protection Committee met on Thursday, May 18, 2017, and approved the minutes of March 22, 2017.

The Committee received and discussed the presentation 2017 Scoping Plan Update – The Proposed Strategy for Achieving California’s 2030 Greenhouse Gas (GHG) Target, given by the California Air Resources Board.

The Committee then received and discussed the presentation Plan Bay Area 2040, given by the Metropolitan Transportation Commission.

Finally, the Committee received and discussed the staff presentation Implementation of the 2017 Clean Air Plan.

The next meeting of the Committee was held on Thursday, July 20, 2017, at 9:30 a.m., at 375 Beale Street, San Francisco, CA 94105. This concludes the Chair report of the Climate Protection Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

None; receive and file.

12. Report of the **Mobile Source Committee** Meeting of May 25, 2017

Mobile Source Committee Chair Mitchoff read:

The Committee met on Thursday, May 25, 2017 and approved the minutes of March 23, 2017.

The Committee reviewed and discussed the staff presentation, Fiscal Year Ending 2018 Transportation Fund for Clean Air Regional Fund Policies and Evaluation Criteria, and a Proposed Amendment to One Fiscal Year Ending Transportation Fund for Clean Air Regional Fund Policy. The Committee recommends the Board:

- 1. Approve the proposed Fiscal Year Ending 2018 Transportation Fund for Clean Air Regional Fund Policies and Evaluation Criteria presented in Attachment A; and*
- 2. Approve the proposed amendment to the readiness policy in the Fiscal Year Ending 2017 Transportation Fund for Clean Air Regional Fund Policies.*

The Committee then reviewed and discussed the staff presentation Fiscal Year Ending 2018 Transportation Fund for Clean Air County Program Manager Expenditure Plans. The Committee recommends the Board:

- 1. Approve the allocation of new Fiscal Year Ending 2018 Transportation Fund for Clean Air County Program Manager Funds listed in Table 1; and*
- 2. Authorize the Executive Officer/ Air Pollution Control Officer to enter into funding agreements with the County Program Managers for the total funds to be programmed in Fiscal Year Ending 2018, listed in Table 1.*

Finally, the Committee reviewed and discussed the staff presentation Update on Regional Efforts to Deploy Electric Vehicles and Infrastructure.

The next meeting of the Mobile Source Committee will be held at the call of the Chair. 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 the need for a District phone number and website link on *Charge!* grant program flyers, and the need for additional outreach to rental apartments and homeowners associations; the Board's request for a status update on the California Air Resources Board's (CARB) involvement with Volkswagen's *Electrify America* (Zero Emission Investment Plan) program; and the need to transition from funding hybrid light-duty passenger vehicles with Transportation for Clean Air funds (TFCA) to funding zero-emission-vehicles.

Board Action:

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

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

13. Report of the **Personnel Committee** Meeting of June 2, 2017

Personnel Committee Chair Spering read:

The Committee met on Friday, June 2, 2017, and approved the minutes of March 24, 2017.

The Committee reviewed and discussed four candidates to fill the one alternate member vacancy in the Attorney category on the Air District's Hearing Board. The Committee and staff discussed the recruitment process and then interviewed each candidate. The Committee recommends the Board approve:

- 1. The appointment of Danny Cullenward as Attorney category Alternate.*

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

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

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

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

14. Report of the **Climate Protection Committee** Meeting of July 20, 2017

Climate Protection Committee Chair Barrett read:

The Climate Protection Committee met on Thursday, July 20, 2017, and approved the minutes of May 18, 2017.

The Committee received and discussed the staff presentation Air District Support for Paris Climate Agreement. The Committee recommends the Board:

- 1. Demonstrate continuing Air District support for the Paris Climate Agreement by supporting the “Under2” Memorandum of Understanding and the “We Are Still In” sign-on letter.*

Finally, the Committee received and discussed the staff presentation Bay Area Model Solar Ordinance Project.

The next meeting of the Committee is on Thursday, September 21, 2017, at 9:30 a.m., at 375 Beale Street, San Francisco, California 94105. I move that the Board approve the Climate Protection Committee recommendations. This concludes the Chair report of the Climate Protection Committee.

Public Comments:

Public comments were made by Rev. Will Scott and Iris Morrell, California Interfaith Power & Light.

Board Comments:

None.

Board Action:

Director Barrett made a motion, seconded by Director Sinks, to **approve** the recommendation of the Climate Protection Committee; and the motion **carried** by the following vote of the Board:

AYES: Barrett, Canepa, Chavez, Cutter, Gioia, Groom, Haggerty, Hudson, Jue, Kaplan, Kim, Kniss, Miley, Mitchoff, Rice, Ross, Sinks, Spering, and Wagenknecht.

NOES: None.
ABSTAIN: None.
ABSENT: Abe-Koga, Ronen, Sanchez, Sheehy, and Zane.

15. Report of the **Executive Committee** Meeting of July 31, 2017

Executive Committee Chair Kniss read:

The Committee met on Monday, July 31, 2017, and approved the minutes of February 22, 2017.

The Committee received Hearing Board Quarterly Reports capturing January to March and April to June of 2017.

The Committee then reviewed and discussed the staff presentation Technology Implementation Office: Strategic Planning.

The Committee then reviewed and discussed the staff presentation Contract Award for Spare the Air Website Redesign. The Committee recommends the Board:

- 1. Authorize the Executive Officer/Air Pollution Control Officer to execute a contract with Cylogy, Inc. in the amount of \$300,000 for website upgrades.*

The Committee reviewed and discussed the staff presentation Update on My Air Online Permitting and Compliance System.

Finally, the Committee met in Closed Session to confer with labor negotiators, and recommends that the Board of Directors accepts the proposed contracts with the Bay Area Air Quality Employees' Association, Inc.

The next meeting of the Executive Committee will be held on Monday, September 18, 2017, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m. I move that the Board approve the Executive Committee's recommendations. This concludes the Chair report of the Executive Committee.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

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

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

PRESENTATIONS

16. Update of Completed Fiscal Year Ending (FYE) 2016 James Cary Smith Community Grant Projects

Jean Roggenkamp, Deputy Executive Officer, introduced David Ralston, Community Engagement Manager, who gave the staff presentation *Update of Completed FYE 2016 James Cary Smith Community Grant Projects*, including: map of grant awardees; Center for Climate Protection; Rails-to-Trails Conservancy; American Canyon High School; Breathe California of the Bay Area; Strategic Energy Innovations; Breathe California Golden Gate Public Health Partnership; Earth Team; Hunters Point Family; La Clinica de la Raza; San Francisco Bicycle Coalition Education Foundation; Rose Foundation; and IntegrArte.

Project updates were given by the following grantees: Breathe California of the Bay Area, Breathe California Golden Gate Public Health Partnership, Center for Climate Protection, American Canyon High School, Rails-to-Trails Conservancy, Rose Foundation, and IntegrArte.

Public Comments:

No requests received.

Board Comments:

None.

Board Action:

None; receive and file.

17. Update on Cap and Trade and Related Legislation

Mr. Broadbent gave an update on recent California legislation (AB 398 and AB 617) which affect the District's potential rulemakings. Mr. Broadbent gave the staff presentation *Update on Cap and Trade and Related Legislation*, including: overview; AB 398; Air District GHG regulatory authority; AB 617; key information; facility breakdown by county and sector; map of facilities and Community Air Risk Evaluation (CARE) and CalEnviroscreen communities; next steps for rulemaking and developing a work plan for AB 617 implementation; and priorities.

Public Comments:

Public comments were given by the following speakers: Andres Soto, Communities for a Better Environment (CBE); Sara Greenwald, 350 Bay Area; Dr. Claire Broome, Berkeley resident; Steve

Nadel, Sunflower Alliance; David Gassman, Greenaction for Health and Environmental Justice; Bob Brown, Western States Petroleum Association; Charles Davidson, Sunflower Alliance; Ratha Lai, Asian Pacific Environmental Network; Richard Gray, 350 Bay Area; Bill Pinkham, Sunflower Alliance; Colin Cook-Miller, Oakland Climate Action Coalition; Jed Holtzman, 350 Bay Area; and Greg Karras, CBE.

Board Comments:

The Board and staff discussed staff's attempts to amend this legislation, and the Board's appreciation of staff's efforts; the Board's request that staff address the concern of unfunded mandates impacting local governments, and how Board members can advocate for their opposition; the feasibility of dividing Draft Rule 11-18 into phases (based on size of the facilities and/or volumes of their emissions) in an effort to decrease the anticipated diversion of the District's staffing resources; the need to shift attention to regulation regarding Particulate Matter (PM) and other health impacting pollutants; the Board's request for a discussion regarding the District's Authority to Promulgate Rule 12-16, and further exploration of AB 398's language regarding carbon dioxide emission "reductions"; staff's determination to continue educating the public, incentivizing, and regulating emissions that are not preempted by legislation; the high volume of mobile source emissions at the Port of Oakland, and how the District can work with other agencies to abate that, as the District lacks the authority to regulate mobile sources of air pollution; the status of the Phillips 66 Marine Terminal proposal to increase crude by oil tankers to Rodeo; the Board's concern about staff's revised adoption schedule for Draft Rule 11-18, the high volume of public comments that staff have received, and legal scrutiny of the Rule; staff's projected timeline regarding analyzing AB 617 and when a work plan might be brought to the Executive Committee; the fact that less aggressive Air Districts in California are benefitting from the provisions in AB 398; and the anticipated staff report on PM and criteria pollutants from stationary sources that will be given in September.

Board Action:

None; receive and file.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

Public Comments:

Public comments were made by Greg Karras, CBE.

BOARD MEMBERS' COMMENTS

19. Board Members' Comments

Chair Kniss commented on an article in the *New York Times* called "When Life on Earth was Nearly Extinguished" that was published on July 29, 2017.

Chair Kniss described the Air and Waste Management Association's 110th Annual Conference that took place in Pittsburgh, Pennsylvania in June 2017. The following comments were made by the following Board members that attended:

- Director Gioia remarked on the prominent theme of future of GHG regulation addressed in technical sessions; how there were no panelists representing the Environmental Protection Agency (EPA) at the “EPA Priorities for 2017-2018” technical session; and how other states’ development and implementation of Best Available Control Technology deviates from California’s views.
- Director Sinks praised the City of Pittsburgh (and its partnership with Green Mountain Energy) for its noticeably clear view, despite having a history in coal mining and air pollution.
- Vice Chair Hudson said that he enjoyed seeing autonomous vehicles available in Pittsburgh.
- Director Ross also commented on how the City of Pittsburgh is implementing more sustainable practices, and how other states are catching up to California’s standards, if they are not already more proactive.
- Director Canepa acknowledged District staff representation on the panel for the “Local Government Climate Change Mitigation and Adaptation” technical session; thanked administrative staff for assisting the Board members who attended the conference; and remarked on how proud he is of the Bay Area’s progress, since a lot of states are so far behind.
- Mr. Broadbent noted that the location for next year’s conference will be Hartford, Connecticut.

OTHER BUSINESS

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

Mr. Broadbent introduced the following new members of staff management:

- Ranyee Chiang, Ph.D., Technology Implementation Officer
- Karen Schkolnick, Director of Strategic Incentives Division
- Judith Cutino, D.O., Health Officer (Acting)

A summary of ozone seasons was also displayed.

21. Chairperson’s Report

Chair Kniss has nothing to report.

22. Time and Place of Next Meeting

Wednesday, September 20, 2017, at 375 Beale Street, San Francisco, CA 94105 at 9:45 a.m.

23. Adjournment

The meeting adjourned at 1:05 p.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 14, 2017

Re: Board Communications Received from August 2, 2017 through September 19, 2017

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from August 2, 2017, through September 19, 2017, if any, will be at each Board Member's place at the September 20, 2017 Board meeting.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Karen Fremming
Reviewed by: Maricela Martinez

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2017

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

RECOMMENDED ACTION

None, receive and file.

BACKGROUND

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

The report covers the out-of-state business travel for the months of July and August 2017. The monthly out-of-state business travel report is presented in the month following travel completion.

DISCUSSION

There were no out-of-state business travel activities that occurred in the months of July and August 2017.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze
Reviewed by: Rex Sanders

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2017

Re: Notices of Violation Issued and Settlements in Excess of \$10,000 in the Months of
July and August 2017

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

In accordance with Resolution No. 2012-08, attached to this Memorandum is a listing of all Notices of 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. Bunger

Attachment 6A: Notices of Violations for the Month of July 2017
Attachment 6B: Notices of Violations for the Month of August 2017

NOTICES OF VIOLATION ISSUED

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

Alameda						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
MG Remediation, Inc.	Q7498	Hayward	A56035A	7/18/17	11-2-401.3	Late notification for demolition.
Schnitzer Steel Products Company	A0208	Oakland	A56389A	7/24/17	2-1-307	Permit condition 23114 #2 operating without abatement.

Contra Costa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Chevron Products Company	A0010	Richmond	A57168A	7/18/17	10	Flaring at NISO flare; H2S>230 mg/dscm; dev 4402
Chevron Products Company	A0010	Richmond	A57169A	7/18/17	10	flaring at FCC flare; H2S>230 mg/dscm; dev 4439
Chevron Products Company	A0010	Richmond	A57170A	7/18/17	10	Flaring @ FCC flare; H2S>230 mg/dscm; dev 4140
Chevron Products Company	A0010	Richmond	A57171A	7/18/17	10	flaring at FCC flare; H2S>230 mg/dscm; dev 4521
Chevron Products Company	A0010	Richmond	A57172A	7/18/17	10	flaring at FCC flare; H2S>230 mg/dscm; dev 4561
Contra Costa Topsoil, Inc	B6828	Martinez	A57312A	7/19/17	9-8-501	No initial demonstration of compliance
Environmental CPR, Inc.	T9839	San Ramon	A56993A	7/5/17	11-2-303.1	No wetting

AGENDA 6A - ATTACHMENT

Environmental CPR, Inc.	T9839	San Ramon	A56993B	7/5/17	11-2-304.1	RACM not sealed
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56224A	7/27/17	10	Discovered components not entered in QQQ during audit.
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56225A	7/27/17	8-18-309	Deviations found during Sage 3rd-party LDAR audit.
Tesoro Refining & Marketing Company LLC	B2758	Martinez	A56225B	7/27/17	10	Deviations found during Sage 3rd-party LDAR audit.
Testament Investments LLC	Y5609	Brentwood	A56034A	7/18/17	11-2-401.5	NOV cancelled due to change of contractor. Issued new NOV #A56035 to new contractor for late demolition notification

Marin						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Jakela Inc.	K3771	Novato	A56896A	7/6/17	11-2-401.3	RACM removed before 10-day waiting period
Marin Coffee Roasters	E2434	Novato	A56133A	7/25/17	2-1-307	Failure to meet permit conditions.
Pasha Hawaii	Y8992	San Rafael	A56584A	7/18/17	6-1-301	Excessive visible emissions.

Napa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Raymond Vineyards	Y9234	Saint Helena	A57232A	7/5/17	5-301	Burn - on a no burn day. Illegal open burn documented

AGENDA 6A - ATTACHMENT

San Francisco						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
ACE Drilling	V8953	San Francisco	A56898A	7/19/17	11-2-401.5	Inaccurate Start Date
Golden State Warriors LLC	Y8780	San Francisco	A56591A	7/5/17	CCR	Performing earth disturbing activities during madatory shutdown

Santa Clara						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Arco #7084	Y9199	Sunnyvale	A55742A	7/19/17	2-1-307	No current annual source test
Gloria and Claude Robinson	Y8720	Morgan Hill	A56015A	7/27/17	11-2-401.5	Fail to notify change of start date.
Granite Construction Company	A0122	Santa Clara	A55643A	7/25/17	6-1-301	Exceeded Ringelmann #1.
International Disposal Corp of CA	A9013	Milpitas	A55696A	7/5/17	2-1-301	S1003- Composting operation: NO AC since 2001
International Disposal Corp of CA	A9013	Milpitas	A55696B	7/5/17	2-6-309	Prohibited Modifications to a Title V facility
International Disposal Corp of CA	A9013	Milpitas	A55698A	7/28/17	8-34-303	11 surface leaks exceeding 500ppm std.
International Disposal Corp of CA	A9013	Milpitas	A55698B	7/28/17	CCR	11 surface leaks exceeding 500ppm std.
Zero Waste Energy Development Company, LLC	E1277	San Jose	A55697A	7/11/17	2-1-307	2 overpressure events. Linked to RCA#07D70 and #07D71

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There were 2 settlement(s) for \$10,000 or more completed in July 2017.

- 1) On July 31, 2017, the District reached settlement with Plains Products Terminal LLC for \$47,000, regarding the allegations contained in the following 5 Notices of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A56233A	8/12/16	8/3/16	8-5-306.2	PRV not gas tight; >500 ppm
A56234A	8/12/16	8/3/16	8-5-306.2	PRV not gas tight; >500 ppm
A56235A	8/3/16	8/3/16	8-5-306.2	PRV not gas tight; >500 ppm
A56236A	8/3/16	8/3/16	8-5-306.2	PRV not gas tight; >500 ppm
A56237A	8/3/16	8/3/16	8-5-306.2	PRV not gas tight; >500 ppm

- 2) On July 31, 2017, the District reached settlement with Chemtrade West US LLC for \$135,000, regarding the allegations contained in the following 2 Notices of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A52963A	10/8/13	2/26/09	2-1-307	A4/A5 not used consistently
A52963B	10/8/13	2/26/09	2-6-307	A4/A5 not used consistently
A53840A	5/19/15	2/24/13	2-6-307	Permit condition and late reporting violations found during internal audit

AGENDA 6B - ATTACHMENT

NOTICES OF VIOLATION ISSUED

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

Alameda						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Alameda Health System dba Alameda Hospital	A3910	Alameda	A56995A	8/10/17	9-7-403	S-4 & S-5 no testing
Alameda Health System dba Alameda Hospital	A3910	Alameda	A56995B	8/10/17	9-7-506	S-4 & S-5 no testing
Alameda Health System dba Alameda Hospital	A3910	Alameda	A56996A	8/10/17	9-7-307.2	S-4 & S-5 not meeting emissions limit
ARCADIS US, Inc	B7341	Oakland	A56392A	8/30/17	2-1-307	Failure to meet P/C 26263 part 4
Bayview Environmental	G2974	Oakland	A57453A	8/1/17	11-2-401.3	Failure to notify.
D-Line Construction Inc	W9792	Oakland	A57000A	8/30/17	11-2-401.5	Failure to update schedule
East Bay Municipal Utility District	A0591	Oakland	A56391A	8/22/17	2-6-307	Excess H2S from digesters/ breakdown denied late reporting
Environmental Remedies	Q5007	Hayward	A56036A	8/2/17	11-2-401.3	Late notification for renovation.
Fountain Cleaner	A9662	Oakland	A56694A	8/28/17	2-1-302	Operated without a valid permit since August 1, 2016 to August 8, 2017
Kaiser Permanente Medical Center	A9653	Fremont	A56994A	8/9/17	9-7-301.2	Failure to meet NOx emission.
Kaiser Permanente Medical Center	A9653	Fremont	A56997A	8/11/17	9-7-403	S#9 - No startup and periodic testing, S#10 - No startup.

AGENDA 6B - ATTACHMENT

Kaiser Permanente Medical Center	A9653	Fremont	A56997B	8/11/17	9-7-506	S#9 - No startup and periodic testing, S#10 - No startup.
Synergy Enterprises	L3268	Hayward	A56998A	8/22/17	3-317	Insufficient fees
Synergy Enterprises	L3268	Hayward	A56998A	8/22/17	11-2-405	Insufficient fees

Contra Costa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Chevron Avon Terminal	A0091	Martinez	A56226A	8/16/17	8-5-322.1	Tear discovered on secondary seal of Tk-103
Chevron Products Company	A0010	Richmond	A57173A	8/1/17	10	Flaring @ FCC; H2S > 230 mg/dscm; dev 4633
Chevron Products Company	A0010	Richmond	A57174A	8/1/17	10	Flaring @ FCC; NISO; SISO flare; H2S > 230 mg/dscm; dev 4632
Chevron Products Company	A0010	Richmond	A57175A	8/1/17	10	Flaring @ FCC; SISO; NISO; H2S > 230 mg/dscm; dev 4601
Chevron Products Company	A0010	Richmond	A57176A	8/1/17	10	Flaring @ FCC & RLOP flares; H2S > 230 mg/dscm; dev 4606
Chevron Products Company	A0010	Richmond	A57177A	8/1/17	10	Flaring @ FCC; H2S > 230 mg/dscm; dev 4785
Contra Costa Topsoil, Inc	B6828	Martinez	A57313A	8/16/17	9-8-304	Failed to meet NOx limit
Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A56419A	8/31/17	2-6-307	Records of daily visual inspection not available

AGENDA 6B - ATTACHMENT

Phillips 66 Company - San Francisco Refinery	A0016	Rodeo	A56420A	8/31/17	2-6-307	Visible emissions were greater than three consecutive minutes
R.V. Stich Construction, Inc.	J1452	Richmond	A56899A	8/28/17	11-2-401.5	Inaccurate starte date
Shell Martinez Refinery	A0011	Martinez	A56199A	8/10/17	2-6-307	PRV leak >500ppm , late reporting
Shell Martinez Refinery	A0011	Martinez	A56199B	8/10/17	8-5-307.3	PRV leak >500ppm , late reporting
Shell Martinez Refinery	A0011	Martinez	A56200A	8/10/17	12-11-506.1	Flare monitoring system stopped recording
Shell Martinez Refinery	A0011	Martinez	A56201A	8/10/17	2-6-307	PC#4285 Part9 – leak test conducted after 20%
Shell Martinez Refinery	A0011	Martinez	A56202A	8/30/17	8-5-306.2	Not gas tight (>100ppm)
USS-POSCO Industries	A2371	Pittsburg	A55824A	8/21/17	2-6-307	Standard Conditions: F, Monitoring Reports

Napa						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Napa-Vallejo Waste Management Authority	A9183	Napa	A57234A	8/29/17	8-34-301.2	Flange leak >1000 ppm Reg. 8-34-301.2

AGENDA 6B - ATTACHMENT

San Mateo						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
CEMEX Construction Materials Pacific, LLC	A2939	San Carlos	A56517A	8/10/17	2-1-307	Exceeded allowable throughput limits on cement silos
Kaiser Permanente	B5544	Redwood City	A56516A	8/2/17	9-7-403	Compliance testing for source emissions not performed
Kaiser Permanente	B5544	Redwood City	A56516B	8/2/17	9-7-506	Compliance testing for source emissions not performed
Sunquest Properties Inc	A5691	Brisbane	A56570A	8/2/17	1-431	Late notification of RCA 06Z88 (breakdown)
Sunquest Properties Inc	A5691	Brisbane	A56570B	8/2/17	1-432	Failure to submit RCA 06Z88 30-day breakdown report

Santa Clara						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Google, Inc	B5103	Sunnyvale	A55660A	8/30/17	2-1-301	No Authority to Construct on 2 Emergency Diesel Power Generators
Google, Inc	B5103	Sunnyvale	A55660B	8/30/17	2-1-302	No Permit to Operate on 2 Emergency Diesel Power Generators
Lehigh Southwest Cement Company	A0017	Cupertino	A56536A	8/3/17	9-13-302	P.E. exceeded visible emissions standard.
S J Valley Plating Inc	A5079	Santa Clara	A55644A	8/14/17	CCR	Using non-compliant fume suppressant

AGENDA 6B - ATTACHMENT

Zero Waste Energy Development Company, LLC	E1277	San Jose	A55699A	8/22/17	2-1-307	3 overpressure events. Linked to RCA#07D91, #07D92, and #07D96
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Solano						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Valero Refining Company	B5574	Benicia	A57330A	8/3/17	8-5-304.4	Oil on floating roof
Valero Refining Company - California	B2626	Benicia	A57328A	8/3/17	8-5-306.2	Not gas tight
Valero Refining Company - California	B2626	Benicia	A57329A	8/3/17	8-18-309	6 open ended lines discovered by Valero LDAR. Valero Dev #999.

Sonoma						
Site Name	Site #	City	NOV #	Issuance Date	Regulation	Comments
Republic Services of Sonoma County, Inc	A2254	Petaluma	A56134A	8/7/17	8-34-301.4	Failed source test # 17074, source 12.
Republic Services of Sonoma County, Inc	A2254	Petaluma	A56135A	8/7/17	8-34-303	8 surface leaks
Republic Services of Sonoma County, Inc	A2254	Petaluma	A56135B	8/7/17	CCR	8 Surface Leaks Greater Than 500ppm

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There were 2 settlement(s) for \$10,000 or more completed in August 2017.

- 1) On August 3, 2017, the District reached settlement with Western Digital Corporation for \$10,000, regarding the allegations contained in the following 3 Notices of Violation:

AGENDA 6B - ATTACHMENT

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A48972A	6/1/16	1/18/16	2-1-307	S-28 unabated; t<1350F ; brkdown #06X79 denied
A48973A	6/1/16	2/18/16	2-1-307	S-28 unabated; t<1350 F ; breakdown #05Y07 denied
A54236A	6/1/16	3/7/16	2-1-307	S28 in operation and unabated for 6 minutes between 05:21-05:27 hrs. Episode #06Y28 denied.

2) On August 14, 2017, the District reached settlement with Ameresco Inc. for \$20,000, regarding the allegations contained in the following 7 Notices of Violation:

NOV #	Issuance Date	Occurrence Date	Regulation	Comments from Enforcement
A51384A	9/25/14	12/31/09	8-34-501.6	Includes S#2, 3 in this violation
A51384B	9/25/14	12/31/09	8-34-503	Includes S#2, 3 in this violation
A53908A	10/8/14	2/8/13	2-6-307	TSA flare temp excursions 2/8/13-3/15/14. Late reporting
A53908B	10/8/14	2/8/13	1-523.3	TSA flare temp excursions 2/8/13-3/15/14. Late reporting
A53955A	9/30/14	10/21/08	8-34-501.6	No quarterly testing and no records
A53955B	9/30/14	10/21/08	8-34-503	No quarterly testing and no records
A53969A	1/7/16	12/30/14	2-6-307	Temperature excursion >1% deviation allowance
A54053A	10/2/14	6/2/09	8-34-501.6	Failed to perform quarterly leak testing
A54053B	10/2/14	6/2/09	8-34-503	Failed to perform quarterly leak testing
A56703A	6/17/16	11/1/15	2-1-307	Records for CO test not kept (RCA 06Z48)
A56704A	6/17/16	3/17/16	2-1-307	Source Test Failed (NTV- 1799)



Air Resources Board



Matthew Rodriguez
Secretary for
Environmental Protection

Mary D. Nichols, Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Edmund G. Brown Jr.
Governor

TO: Members of the Board of Directors

FROM: Supervisor John Gioia
Board Member

DATE: August 7, 2017

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

The list below summarizes my activities as an Air Resources Board member from January 1, 2017, through June 30, 2017:

January Activities

- 23rd January Board item briefing with CARB staff
- 25th CA Climate Change Symposium
- 26th CA Climate Change Symposium
- 27th January Board Meeting

February Activities

- 13th February Board item briefing with CARB staff
- 15th Board/EJAC Joint Public Meeting
- 16th February Board Meeting

March Activities

- 6th Meeting with American Lung Association re: ZEV Mid-Term Review
- 10th Call with Ned Helme of UC Berkeley re: Environmental Justice and Climate
- 10th Tour and meeting with Tesla re: ZEVs
- 13th March Board item briefing with CARB staff
- 15th Environmental Justice and Climate Symposium at UC Berkeley
- 21st Call with Climate Plan re: SB 375

April Activities

- 13th April Board item briefing with CARB staff
- 19th Meeting with WSPA re: 2030 Scoping Plan
- 26th Board/EJAC Joint Public Meeting
- 27th April Board Meeting

May Activities

- 8th Planning call re: Bay Area Open Space Symposium
- 16th May Board item briefing with CARB staff

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Members of the Board of Directors
August 7, 2017
Page 2

- 16th Call with Coalition for Clean Air re: San Joaquin Valley PM2.5 Planning
- 18th Speech at Bay Area Open Space Symposium
- 25th May Board Meeting
- 26th Call with Richard Corey re: VW Settlement

June Activities

- 2nd Call with Ned Helme of UC Berkeley re: Environmental Justice and Climate
- 12th Meeting with PG&E re: Cap-and-Trade
- 14th June Board item briefing with CARB staff
- 22nd June Board Meeting

Attachments: Public Agendas

LOCATION:

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

PUBLIC MEETING AGENDA

**January 27, 2017
(Friday)**

Webcast

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

<http://www.sacrt.com>

(This facility is accessible to persons with disabilities.)

**TO SUBMIT WRITTEN COMMENTS ON AN
AGENDA ITEM IN ADVANCE OF THE MEETING GO
TO: <http://www.arb.ca.gov/lispub/comm/bclist.php>**

**Friday
January 27, 2017
9:00 a.m.**

DISCUSSION ITEMS:

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

Agenda Item #

17-1-1: Public Meeting to Hear a Report on the Proposed 2030 Target Scoping Plan

Spanish translation will be provided at the Board Meeting for this item, Item 17-1-1.

The Board will hear a report on the Draft 2030 Target Scoping Plan. The Draft recommends a suite of measures to reduce greenhouse emissions 40 percent below 1990 levels by 2030 and put the State on a trajectory to meet the 2050 goal.

[More Information](#)

[Staff Presentation](#)

17-1-2: Report to the Board on the Air Resources Board Program Priorities for 2017

Executive Officer Richard Corey will provide the Board with an overview of Air Resources Board priorities for 2017.

[Staff Presentation](#)

17-1-3: Public Meeting to Hear an Informational Update on California's Emission Inventories for Criteria Pollutants, Toxic Air Contaminants, and Greenhouse Gas Air Pollution

New legislative mandates require that the Air Resources Board (ARB) provide on its website and update annually the emissions for criteria pollutants, toxic air contaminants, and greenhouse gases. The data are to be displayed graphically and show the change in emissions over time. The Board will hear a status report on the work to integrate the three separate inventory data sets currently available on ARB's webpages into a single web-based display system. The Board will also hear about future approaches for improving the emissions inventory data to better integrate efforts to simultaneously reduce community exposures, criteria pollution, and greenhouse gases.

[More Information](#)

[Staff Presentation](#)

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):

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

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.

POET, LLC, et al. v. Corey, 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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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.

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(916) 322-5594

ARB Homepage: www.arb.ca.gov

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

PUBLIC MEETING AGENDA

February 16, 2017

[Webcast](#)

LOCATION:

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

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

<http://www.sacr.com>

(This facility is accessible to persons with disabilities.)

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**Thursday
February 16, 2017
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 #

17-2-1: Public Meeting to Consider One Research Proposal

The Board will consider approving one research proposal that was developed in response to the Board-approved Fiscal Year 2016-2017 Annual Research Plan.

- 1) "The Optimal Route for a Clean Heavy Duty Sector in California," University of California, Irvine, Proposal No. 2804-286.

[More Information](#)

[Proposed Resolution](#)

17-2-2: Public Meeting to Consider the Portola PM2.5 State Implementation Plan

The Board will consider the Northern Sierra Air Quality Management District State Implementation Plan (SIP) for the City of Portola and surrounding areas of Plumas County that addresses the federal 12 µg/m³ annual PM2.5 standard. The SIP demonstrates how the area will attain the standard by the 2021 statutory attainment date. If approved the plan will be forwarded to the United States Environmental Protection Agency for inclusion in California's SIP.

[More Information](#)

[Proposed Resolution](#)

DISCUSSION ITEMS:

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

Agenda Item #**17-2-3: Report from the Office of the Ombudsman 2016**

The Board will hear a report on the 2016 enhancements to the 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](#)

17-2-5: Public Meeting to Hear a Report on the Proposed 2030 Target Scoping Plan

Spanish translation will be provided at the Board Meeting for this item, Item 17-2-5.

The Board will hear an overview of the Proposed 2030 Target Scoping Plan. The Proposed Plan recommends a suite of measures to reduce greenhouse emissions 40 percent below 1990 levels by 2030 and put the State on a trajectory to meet the 2050 goal. This will be the second of three Board hearings on this item.

[More Information](#)

[Staff Presentation](#)

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):

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REVISED 03/15/17
PUBLIC MEETING AGENDA

Thursday, March 23, 2017
and
Friday, March 24, 2017

[Webcast](#)

LOCATION:

Riverside County Administrative Center
4080 Lemon St., 1st Floor
Riverside, California 92501

This facility is accessible by public transit. For transit information, call (951) 565-5002, website:
<http://www.riversidetransit.com/home/>

(This facility is accessible to persons with disabilities.)

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Thursday
March 23, 2017
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 #

17-3-1: Public Meeting to Consider the 2016 Ozone State Implementation Plan for Ventura County

The Board will consider approval of the Ventura County Air Pollution Control District Plan for the 2008 75 ppb 8-Hour Ozone Standard (Ozone SIP). If approved, the Air Resources Board will submit the Ozone SIP to the United States Environmental Protection Agency as a revision to California's State Implementation Plan.

[More Information](#)

[Proposed Resolution](#)

17-3-2: Public Meeting to Consider the 2016 Ozone State Implementation Plan for San Diego County

The Board will consider approval of the San Diego County Air Pollution Control District Plan for the 2008 75 ppb 8-Hour Ozone Standard (Ozone SIP). If approved, the Air Resources Board will submit the Ozone SIP to the United States Environmental Protection Agency as a revision to California's State Implementation Plan.

[More Information](#)

[Proposed Resolution](#)

DISCUSSION ITEMS:

Note: The following agenda items may be heard in a different order at the two day Board meeting. An item listed on the first day may be moved or continued to the second day, if needed, although the Board will make every effort to hear items on the day for which they are originally scheduled. The Chair will announce any changes in order or continuance of items.

Agenda Item #

(The agenda order noted below was revised on 03/15/17.)

17-3-4: Public Meeting to Consider the 2016 Air Quality Management Plan for Ozone and PM2.5 for the South Coast Air Basin and the Coachella Valley

The Board will consider approval of the South Coast Air Quality Management District 2016 Air Quality Management Plan (AQMP) for the 8-hour Ozone, Annual PM2.5 and 24-hour PM2.5 standards in the South Coast Air Basin and the 8-hour Ozone standard in the Coachella Valley. The AQMP outlines strategies needed to bring the areas into attainment of these standards and meet Clean Air Act requirements. If approved, the Air Resources Board will submit the AQMP to the United States Environmental Protection Agency as a revision to California's State Implementation Plan.

[More Information](#)

[Staff Presentation](#)

17-3-3: Public Meeting to Consider the 2016 State Strategy for the State Implementation Plan

The Board will consider approval of the Proposed 2016 State Strategy for the State Implementation Plan (State SIP Strategy). The State SIP Strategy outlines California's State Implementation Plan commitment and identifies the proposed measures for mobile sources and consumer products needed to attain health-based federal air quality standards over the next 15 years. The proposed measures, in combination with the current control program, will reduce mobile source NOx emissions 80 percent from today's levels in the critical South Coast air basin by 2031. The State SIP Strategy will also provide significant benefits in the San Joaquin Valley, as well as state-wide. The Board will also consider certifying the Final Environmental Analysis and approving the written responses to comments received on the Draft Environmental Analysis.

[More Information](#)

[Staff Presentation](#)

17-3-5: Public Meeting to Consider the Proposed Final Short-Lived Climate Pollutant Reduction Strategy

The Board will consider approval of the proposed Final Short-Lived Climate Pollutant (SLCP) Reduction Strategy. The proposed Final Strategy describes ongoing and new measures for California to reduce emissions of SLCPs (methane, black carbon, and fluorinated gases, specifically hydrofluorocarbons) through 2030. It also describes current research efforts to improve the SLCP emission inventory, evaluate potential mitigation measures, and areas where further research is needed. The Board will also consider certifying the Final Environmental Analysis and approving the written responses to comments received on the Revised Draft Environmental Analysis.

[More Information](#)

[Staff Presentation](#)

17-3-7: Public Meeting to Hear Proposed Updates to Senate Bill 375 Greenhouse Gas Emission Reduction Targets

The Board will hear an informational update regarding the status of the regional target update process for California's Metropolitan Planning Organizations (MPO) required by the Sustainable Communities and Climate Protection Act of 2008 (SB 375). Senate Bill 375 requires the Air Resources Board (ARB or Board) to establish regional greenhouse gas (GHG) emission reduction targets for all 18 MPOs in California and to update those targets every 8 years. The targets were initially established in 2010 and must be updated in 2018. Staff has been working

with the MPOs for over a year on target recommendations and evaluating the levels of GHG reductions necessary to achieve statewide GHG reduction goals targets in Senate Bill 32.

The target recommendations of the MPOs and the staff's evaluation will be presented to the Board for input and discussion. The Board will not vote on targets at this meeting; Staff's proposed updated targets will be brought to the Board for a vote later in 2017.

[More Information](#)

[Staff Presentation](#)

17-3-6: Public Hearing to Consider the Proposed Regulation for Greenhouse Gas Emissions Standards for Crude Oil and Natural Gas Facilities

The Board will consider adopting a proposed regulation to reduce greenhouse gas emissions from oil and gas facilities. The item was originally heard in July 2016 along with staff's recommendation for 15-day changes. The primary changes since the July hearing include amendments to the monitoring requirements for natural gas underground storage facilities and amendments to the leak detection and repair requirements. The Board will also consider certifying the Final Environmental Analysis and approving the written responses to comments received on the Draft Environmental Analysis.

[More Information](#)

[Staff Presentation](#)

Friday
March 24, 2017
8:30 a.m.

17-3-11: Presentation Honoring Engineers Involved in Volkswagen Case

The Board will hear a presentation by Professional Engineers in California Government honoring CARB engineers involved in discovering and investigating Volkswagen's diesel engine defeat devices.

[More Information](#)

[Staff Presentation](#)

17-3-8: Public Meeting to Consider the Advanced Clean Cars Midterm Review

The Board will hear the completed midterm review and recommendations on the Advanced Clean Cars regulations for the 2022-2025 model years, including its assessments of greenhouse gas and 1 mg/mi particulate matter standards, and of the zero emission vehicle regulation.

[More Information](#)

[Staff Presentation](#)

17-3-9: Public Meeting to Hear an Update on the First Draft Volkswagen Zero Emission Vehicles Investment Plan

The Board will hear a status update on an overview of the first draft Volkswagen Settlement Zero Emission Vehicles Investment Plan.

[More Information](#)

[Staff Presentation](#)

CLOSED SESSION

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PUBLIC MEETING AGENDA

April 27, 2017

[Webcast](#)

LOCATION:

California Environmental Protection Agency
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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Thursday
April 27, 2017
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 #

17-4-1: Public Meeting to Consider the Coachella Valley Attainment Ozone Contingency Measure

The Board will consider the adoption of supplemental attainment contingency measure reductions for the Coachella Valley Ozone Plan. The South Coast Air Quality Management District adopted the Coachella Valley 75 ppb 8-hour ozone plan on March 3, 2017. This supplement provides additional contingency emission reductions to fulfill the State Implementation Plan requirements for attainment contingency in the Coachella Valley.

[More Information](#)

[Proposed Resolution](#)

17-4-2: Public Meeting to Consider Updates to the San Joaquin Valley PM10 Maintenance Plan

The Board will consider adopting updates to the San Joaquin Valley PM10 Maintenance Plan. The updates address a requirement to assess PM10 air quality data during the maintenance period. If adopted, the Air Resources Board will submit the Updates to the San Joaquin Valley PM10 Maintenance Plan to the United States Environmental Protection Agency as a revision to California's 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 #**17-4-3: Public Meeting to Hear a Research Update on Air Pollution and the Brain**

The Board will hear an update on the harmful effects of air pollution on the brain.

[More Information](#)

[Staff Presentation](#)

17-4-4: Public Meeting to Consider Planned Air Pollution Research for Fiscal Year 2017-2018

The Board will consider approving the Proposed 2017-2018 Research Plan (Plan). This Plan reflects a concerted effort to identify the Board's highest priority research needs, and the research projects included in this Plan will support attainment of upcoming air quality and greenhouse gas targets. Research included in the Plan will advance the state of the science and support the Board's efforts to meet California's air quality and climate goals.

[More Information](#)

[Staff Presentation](#)

17-4-6: Public Meeting to Consider Proposed Revisions to the Carl Moyer Memorial Air Quality Standards Attainment Program Guidelines

The Board will consider approving the Proposed Carl Moyer Program (Program) 2017 Guidelines (Guidelines). The updated Guidelines implement changes directed by Senate Bill 513 and redesign the Program to meet California's need to transition to the very low and zero-emission technologies of the future.

[More Information](#)

[Staff Presentation](#)

17-4-8: Public Meeting to Hear Proposed Updates on Truck Field Enforcement Activities and New Screening Technologies for High Emitting Vehicles

The Board will hear an update on the development of a Portable Emissions Acquisition System. This system pairs emissions data of a passing vehicle with license plate data using an Automatic License Plate Reader (ALPR). The Board will hear staff's intended uses of the ALPR system, the associated privacy and usage policy, and how this system will help further the Air Resources Board's mission.

[More Information](#)

[Staff Presentation](#)

CLOSED SESSION

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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.

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PUBLIC MEETING AGENDA

May 25, 2017

Webcast

LOCATION:

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

This facility is accessible by public transit. For transit information, call (916) 321-BUSS, website: <http://www.sacrt.com>
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Thursday
May 25, 2017
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 #

17-5-1: Public Meeting to Consider California's Proposed State Plan for the Federal Municipal Solid Waste Landfill Emission Guidelines

The Board will consider approving California's plan for compliance with the United States Environmental Protection Agency's new Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills (Title 40 Code of Federal Regulations, Part 60, Subpart Cf).

[More Information](#)

[Proposed Resolution](#)

17-5-2: Public Meeting to Consider the 2016 Ozone State Implementation Plan for the Western Mojave Nonattainment Area

The Board will consider adopting the Western Mojave Desert Plan for the 75 ppb 8-Hour Ozone Standard (Ozone SIP). If adopted, the Air Resources Board will submit the Ozone SIP to the United States Environmental Protection Agency as a revision to California's 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 #**17-5-3: Public Meeting to Hear a Continuation of the Update to PM2.5 State Implementation Plan Development for the San Joaquin Valley**

Spanish translation will be provided at the Board Meeting for this item, Item 17-5-3.

The Board will continue its discussion of the PM2.5 State Implementation Plan for the San Joaquin Valley that was previously discussed at the October 2016 Board meeting. Staff will provide an update to the Board on the additional outreach that has been conducted in coordination with the District, the process for developing an overall PM2.5 control strategy, and recommendations for identifying additional near-term reductions from stationary and mobile sources.

[More Information](#)

[Staff Presentation](#)

17-5-4: Public Meeting to Hear an Informational Update on Opportunities for Overcoming Barriers to Clean Transportation Access for Low-Income Residents

The Board will hear an overview of the draft guidance document staff developed pursuant to Senate Bill 350 to provide a better understanding of the barriers low-income residents face to access zero-emission and near-zero emission transportation and mobility options throughout the State. This will include staff's findings on the barriers, feedback received from low-income residents, and draft recommendations for increasing access to clean transportation.

[More Information](#)

[Staff Presentation](#)

17-5-5: Public Meeting to Hear an Update on International Coordination

The Board will hear an update on the Air Resources Board climate and air quality collaborations with foreign jurisdictions.

[More Information](#)

[Staff Presentation](#)

CLOSED SESSION

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

PUBLIC MEETING AGENDA

June 22, 2017

[Webcast](#)

LOCATION:

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

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Thursday
June 22, 2017
9:00 a.m.

DISCUSSION ITEMS:

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

Agenda Item #

17-6-2: The 2016 Haagen-Smit Clean Air Awards

The recipients of the 2016 Haagen-Smit Clean Air Awards will be presented with their awards. The Air Resources Board annually presents the Haagen-Smit Clean Air Awards to esteemed persons in the air quality and climate change community – scientists, legislators, professors, activists, business leaders, and others who have made significant contributions toward improving air quality, public health, and our understanding of climate change issues.

[More Information](#)

[Staff Presentation](#)

17-6-5: Public Meeting to Hear the Enforcement Division 2016 Annual Report

The Board will hear the Enforcement Division 2016 Annual Report, which will include highlights of 2016 enforcement activities in key programs including truck and bus requirements, vehicle certification and aftermarket parts, consumer products, ocean-going vessels and other programs enforced by the Division. Staff will also describe recent activities in the portable equipment registration program and efforts to enhance enforcement in disadvantaged communities. Finally, staff will provide estimates of compliance rates in key programs and explain the Division's goals for 2017 and beyond.

[More Information](#)

[Staff Presentation](#)

17-6-1: Public Meeting to Hear an Informational Update on the Enhanced Fleet Modernization Program and Plus-up Car Scrap and Replace Programs

The Board will hear an informational update on the program's performance and impacts from changes made in June 2014, including a discussion on the expansion of the program and potential integration with other light-duty incentive programs.

[More Information](#)

[Staff Presentation](#)

17-6-3: Public Meeting to Hear an Informational Update on the Red Sticker Off-Highway Recreational Vehicle Program

The Board will hear an informational update on staff's assessment of the effectiveness of the Red Sticker program. This program was adopted by the Air Resources Board in 1998 in response to industry's concerns over the availability of off-highway recreational vehicles capable of meeting the Board's new exhaust emissions standards. The Red Sticker program allows manufacturers to certify vehicles as emissions non-compliant, relying on limited usage restrictions to provide needed emissions reductions during the ozone season. In 2013, the Board considered evaporative emissions standards for off-highway recreational vehicles that would have included Red Sticker vehicles. Red Sticker vehicles were ultimately excluded from the regulation to allow staff additional time to develop an assessment of the program and a holistic solution to reduce both exhaust and evaporative emissions from Red Sticker vehicles.

[More Information](#)

[Staff Presentation](#)

17-6-4: Public Meeting to Hear the 2017 Progress Report on the Low Carbon Fuel Standard

The Board will hear a progress report on implementation of the Low Carbon Fuel Standard (LCFS) program. The report will include discussion of progress on achieving LCFS targets, ultra-low carbon fuel availability to achieve the standards, and program benefits provided by specific provisions within the regulation.

[More Information](#)

[Staff Presentation](#)

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 Chamber of Commerce et al. v. California Air Resources Board, Sacramento Superior Court, Case No. 34-2012-80001313; plaintiffs' appeal, California Court of Appeal, Third District, Case No. C075930.

Kimberly-Clark Worldwide, Inc. v. California Air Resources Board, et al., Sacramento County Superior Court, Case No. 34-2015-80002246.

Morning Star Packing Company, et al. v. California Air Resources Board, et al., Sacramento Superior Court, Case No. 34-2013-800001464; plaintiffs' appeal, California Court of Appeal, Third District, Case No. C075954.

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.

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.

Transportation Solutions Defense and Education Fund v. California Air Resources Board, Fresno County Superior Court, Case No. 14CECG01788 (plaintiff's transfer to Sacramento Superior Court, Case No. 34-2014-80001974-CU-WM-GDS).

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.

Hamilton v. California Air Resources Board, et al., U.S. District Court for the Eastern District of California, Case No. 1:15-CV-01942-AWI-SKO.

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.

Owner-Operator Independent Drivers Association Inc. et al. v. Corey et al., U.S. District Court, (E.D. Cal. Fresno) Case No. 1:13-CV-01998-LJO-SAB (transferred by court to E.D. Cal. Sacramento, Case No. 2:14-CV-00186-MCE-AC), plaintiffs' appeal U.S. Court of Appeals, Ninth Circuit, Case Nos. 15-72101 and 15-16429.

California Air Resources Board v. Bombardier Recreational Products, Los Angeles Superior Court, Case No. BC608480.

California Air Resources Board v. BP West Coast Products LLC, Contra Costa County Superior Court, Case No. C12-00567.

California Air Resources Board v. SSA Containers, Inc., Los Angeles County Superior Court, Case No. BC628573 and No. BC628722.

California Air Resources Board v. West Coast Diesel, Inc., Fresno County Superior Court, Case No. 15 CECG 03337.

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

People of the State of California ex rel. California Air Resources Board v. Marten Transport Logistics, LLC, Los Angeles County Superior Court, Case No. BC645288.

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.

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.)

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**IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT THE CLERK OF THE BOARD:
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(916) 322-5594
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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 Liz Kniss and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: August 29, 2017

Re: Quarterly Report of the Executive Office and Division Activities for the Months
of April 2017 – June 2017

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

Human Resources

The Human Resources (HR) Office conducted seven (7) recruitment exams including exams for Assistant Manager, Air Quality Inspector, Air Quality Instrument Specialist, Air Quality Technician (2), Hearing Board Member, and Temporary Staff Specialist. In addition, the HR Office offered 14 training sessions, including: Microsoft Access, Microsoft Excel (Beginners, Intermediate, and Advanced), Active Shooter, CPR/AED, Defensive Driver, Critical Thinking, Office Etiquette, Leaves, Public Sector Employment Law Update, and Situational Leadership (3) Training. The HR Office continues to administer payroll, benefits, safety, labor/employee relations, and wellness activities. There are currently 335 regular employees, 10 temporary employees and interns, and 32 vacant positions. There were 15 new employees, 5 promotions, and 7 separations from April to June 2017.

Business and Facilities Office

The Business Office issued 555 purchase orders, executed 87 contracts and 4 leases. There were 4 requests for proposals/qualifications during this period. Fleet services sold 4 vehicles and sent 7 vehicles for maintenance and/or body shop repairs. There were 320 vehicle requests (12 from ABAG staff, 125 from MTC staff, and 183 from District staff). 273 pool vehicles were loaned out and 47 Enterprise car rentals were issued. There are currently 117 fleet vehicles: 1 electric, 1 hydrogen, 19 plug-in hybrids, 24 gas, 14 CNG, and 58 hybrids. Facility services received 56 Workspeed requests, facilitated 8 KBM-Hogue furniture orders and completed 30 ad-hoc projects/tasks. Facilities performs daily maintenance of the coffee machines, replenishes coffee and tea supplies in the District coffee bar and pantries, and replenishes office supplies in the copy/supply rooms.

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

Enforcement Program

Air District staff documented 292 air pollution violations that resulted in Notices of Violation and responded to 1036 general air pollution complaints. These activities addressed noncompliance with applicable federal, state and air district regulations and provided for a mechanism for the public to voice their concerns about air pollution issues that might be in noncompliance. Additionally, highlighted enforcement activities for the quarter are as follows:

- From April 1 – June 30, 2017, staff received and investigated 486 air pollution complaints for odorous emissions in the greater Milpitas area (including portions of Fremont and North San Jose). Most complainants alleged the Newby Island Resource Recovery Park (landfill, composting, and materials recycling facility (MRF)) as the odor source. Other odor sources in the greater Milpitas area include the San Jose / Santa Clara Waste Water Treatment Facility, Zero Waste Energy Development Company, the Milpitas Pump Station, and various salt and mud flats.
- On April 18, 2017, Spring Hill Jersey Cheese a.k.a. Petaluma Creamery, Petaluma, agreed to a stipulated order of abatement to discontinue operation of its two, noncompliant and unpermitted large boilers and install compliant boilers by September 2017.
- On April 21, 2017, at approximately 10:45 PM, the Shell Martinez Refinery reported a level 1 (onsite and possible offsite impact) to Contra Costa County Community Warning System due to flaring at the Light Oil Processing (LOP) Flare. Flaring was caused by an electrical failure of a feed charge pump in the Hydrocracker Unit. The flaring did not exceed the District's 500,000 standard cubic foot (scfs) limit which would have required the facility to report the flaring event to the District. The facility reported one indicated emission excess of Sulfur Dioxide (SO₂) at the Sulfur Recovery Unit 2 (SRU2) as a result of the incident. District staff is conducting an investigation.
- On May 5, 2017, at approximately 0645 hours, the Valero Refinery in Benicia experienced a complete power interruption due to some transformer replacement work that was being conducted at their Bahia substation. According to a PG& E representative, they were working on a line at the substation which was bringing in power from their 230 KV-Moraga line when the outage occurred. The loss of this external power caused a complete disruption to all the processing units in the refinery. Several District Inspectors responded to the incident and documented four opacity violations from the north & south flares, the scrubber stack, and Valero's atmospheric dump stack. The District received 13 complaints of smoke and odor and Benicia Emergency Response personnel ordered evacuations of downwind businesses, sheltered in place two public schools, and closed freeway off-ramp access to the affected area, thus constituting a public nuisance violation for this event.

- On Monday, May 8, 2017, after restoring steam pressure and attempting to bring some smaller process units back online, heavy visible emissions were again observed coming from Valero's wet scrubber. The District received four additional public complaints and inspection staff documented another excess visible emissions violation. A second public nuisance violation was documented for this this day. Valero staff believe that the visible emissions were being caused by oil that was pushed downstream from the Coker Unit during the Friday upset, District staff suspect that the emissions may have included catalyst from the FCC Unit and have collected both downstream wipe samples and suspected parent material from the scrubber sludge and FCC Regenerator fines. District inspection staff are continuing to investigate this incident to determine if any additional air quality violations have occurred.

Compliance Assurance Program

Air District staff conducted over 2358 inspections including permitted facilities, gasoline stations, asbestos, open burning, portable equipment and mobile sources. Additionally, highlighted inspection activities for the quarter are as follows:

- On Thursday, April 27, 2017, District Enforcement and Engineering staff attended a meeting regarding the City of Richmond's Conditional Use Permit review for the Bulk Materials Processing Center operated by Republic Services at the West Contra Costa County Landfill in Richmond. Several regulatory agencies including Contra Costa County Environmental Health (LEA), City of Richmond Fire Dept, City of Richmond Code Enforcement, and the Regional Water Quality Control Board were requested to attend this meeting and share their concerns regarding compliance issues at this site. The City of Richmond has contracted a consulting firm to amend the site's Conditional Use Permit with much more restrictive conditions to reduce odors and other impacts currently being caused by the site.
- On June 7, 2017, Tesoro Refinery began a turnaround of several units within the Refinery. Turnarounds are conducted at refineries periodically, requiring affected units to be shutdown prior to performing maintenance and started back up once the maintenance activities have been completed. The turnaround is expected to last two months.
- On June 26, 2017, District staff resumed the Heavy Liquids component screening at the Phillips 66 refinery in Rodeo. Several project protocol's remain but both WSPA and District staff are in discussion to resolve the remaining issues.
- On April 20, 2017, staff attended the quarterly South Bay Odor Stakeholder Group (Stakeholder Group) Meeting. One topic of discussion concerned a permit requirement in the Planned Development (PD) permit for Newby Island's landfill expansion that requires Newby Island to complete a regional odor study by a third-party consultant mutually agreed upon by the Stakeholder Group. Republic Services, Newby Island management agreed to further discuss this subject at the next Stakeholder Group meeting in July. The permit does not define a timeline for the study, but requires funding to be provided by Republic to a public agency to administer the study and consultant contract.

- On May 30, 2017, staff met with Five Point Holdings, LLC, the megadeveloper spin-off of Lennar Corporation, to discuss compliance concerns and construction updates at the five projects at the Hunters Point Shipyard, Hunters Point Artists Parcel, and Candlestick Point subject to the state's naturally occurring asbestos (NOA) Air Toxics Control Measure (ATCM) and required asbestos dust mitigation plans (ADMPs).
- On May 10, 2017, staff met with representatives of the Warriors Stadium (Chase Center) construction project to discuss elevated levels of asbestos from its perimeter ambient monitoring network, dust mitigation practices, and recent violations of its asbestos dust mitigation plan (ADMP). The construction project, subject to the state's naturally occurring asbestos (NOA) Air Toxics Control Measure (ATCM), had 18 days of elevated readings since March 9th and five violations of its ADMP. Staff emphasized the importance of daily dust mitigation efforts being maintained throughout the job site.
- On June 2, 2017 Engineering and Enforcement staff visited the compost and green waste operations at Newby Island Landfill to discuss the facility operator's permit application and plans to convert compost windrows to compost aerated static piles (CASP). Staff's visit was intended to understand the engineering design, operational parameters and best management practices and ensure the facility incorporates the most advance technologies for monitoring and operating the CASP system. The facility operator is hoping to receive an Authority to Construct in the next few months and completely transition to CASP by January 2018.
- On June 22, 2017 staff met with the Santa Clara County (County) Health Officer and staff from the County's Department of Environmental Health to discuss potential health impacts due to emissions from the Newby Island Resource Recovery Park.
- On June 23 and June 24, 2017 Newby Island conducted a semi-annual waste characterization study, an audit required by the City of San Jose, Environmental Services Department (ESD) to assess the facility's waste diversion ratios and recycling efforts. While odor complaints were generated in the past because of waste material handling procedures, the facility implemented best management practices and made operational improvements to ensure odors were minimized. Staff received a few complaints in the area that weekend, but did not confirm odors to this operation.
- Staff approved two Asbestos Dust Mitigation Plans (ADMPs) for the following projects: 1) RIN# 0144, UCSF Mission Bay 2nd Parcel, San Francisco; and, 2) RIN# 0147, Alemany Apartments Project, San Francisco. Seven other proposed ADMPs are currently under review. All of these Naturally Occurring Asbestos (NOA) projects are required to perform asbestos ambient perimeter air monitoring and submit results to the District on a bi-weekly basis. In addition, staff approved eleven ADMP amendment requests and one request for geologic exemption.

Compliance Assistance and Operations Program

Staff received and evaluated over 2,104 plans, petitions, and notifications required by the asbestos, coatings, open burn, tank and flare regulations. Staff received and responded to 10 compliance assistance inquiries and green business review requests. Additionally, highlighted compliance assistance activities for the quarter are as follows:

- CalEPA Environmental Justice (EJ) Task Force Oakland Initiative: Staff completed the coordination of multi-agency inspections in areas of Oakland that have been identified by CalEPA as EJ areas. State, local and federal agencies responsible for water, toxics, solid waste, and pesticides are also participating in this effort. The California Air Resources Board selected several facilities for joint inspections with Air District staff, based on emissions data and community input. Staff participated in multi-agency inspections at the following facilities: Central Concrete, Custom Alloy Scrap Sales, Inc. (CASS), Dynegy, AJ's Auto Clinic, and AB&I. On April 20, staff participated in a joint inspection at AB&I Foundry, a Title V facility, with ARB and DTSC staff. No air quality violations were observed. A summary report was prepared for CalEPA. On May 30, 2017, staff participated at the biannual Lehigh Southwest Cement multi-agency meeting intended to improve agency coordination and communication amongst the various oversight agencies of Lehigh Southwest Cement Company, a Portland Cement Manufacturer in Cupertino.
- On March 28, 2017 District staff attended the monthly Contra Costa County Community Alert Emergency Response (CAER) meeting. The community warning system is being upgraded at each of the five refineries and Dow Chemical and the telephone emergency notification (TENs) system needs to be tested in conjunction with the rest of the system. There was a 20,000 call test of this system conducted on April 10, 2017. There was a public media message put out on Friday, April 7, 2017, informing the communities in Contra Costa County of the warning system test. The purpose of this test is to ensure the system will be able to push out a large volume of telephone messages.
- On March 23, 2017, staff gave a presentation at the Contra Costa County Hazardous Materials Commission's quarterly meeting regarding compliance and enforcement of the State's Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying and Surface Mining Operations and provided options to the commissioners about how their cities could help improve compliance with the regulation.
- Staff participated in monthly conference calls with Lehigh Southwest Cement representatives to discuss ongoing compliance/permitting/source testing issues and concerns.
- On June 21, 2017, staff attended the Bayview Hunters Point Environmental Justice Response Task Force meeting, San Francisco. The meeting provides a forum for local, state, and federal agencies to dialog with the community and work to resolve local environmental issues and build community trust.
- Staff conducted the following inspections for the Strategic Incentives Division (SID): 73 projects and 213 engines.
- There were six Prescribed Burn plans approved for burn projects in Alameda, Napa, Santa Clara and Solano counties.
- The Marsh Management Burn Season ended April 15, 2017, with no acreage allocations requested due to heavy winter rains.

(See Attachment for Activities by County)

**ENGINEERING DIVISION
J. WILLIAMS, DIRECTOR**

Permit Activity Statistics

The following table summarizes permit activity in the 2nd quarter:

Permit Activity			
New applications received	304	New facilities added	143
Authorities to Construct issued	157	Permit Exemptions (entire application deemed exempt)	2
Permits to Operate issued (new and modified)	258	Annual update packages completed	795
Registrations (new)	41		

Health Risk Analysis (HRA): 56 HRAs were completed during the reporting period.

Energy Projects

Shore Terminal/NuStar Biofuels Project (Crockett): The proposed project will allow the facility to receive biodiesel, CARB diesel and other renewal fuels by marine vessels, rail and/or existing pipeline into its Selby Terminal and deliver out by truck. The goal of the project is to supply facilities with fuels that meet the lower carbon intensity fuel standard. The proposed project involves physical changes to the dock, rail unloading area, storage tanks, truck loading bay and installation of new pipeline under San Pablo Avenue. Shore Terminals submitted application on June 14, 2016 to obtain the necessary operating permits for this project, which is currently under review. The Contra Costa County Planning Commission continues to review the project to determine CEQA requirements.

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. Phillips submitted the application on August 2, 2013. Air District staff met with Phillips 66 to discuss the project on June 30, 2016. A previous permit application 22904 was approved on March 13, 2013 to increase the amount of crude oil/gas oil that may be unloaded at the marine terminal from 30,682 barrels per day to 51,182 barrels per day. The Air District acted as the lead agency for CEQA for the project. The current CEQA analysis will evaluate the increase in ship emissions from the activity level prior to application 22904 to 130,000 barrels per day. The Air District will act as the lead agency for CEQA for this project and has hired a CEQA Review Consultant to conduct the CEQA review. The Air District released a Notice of Preparation and held a public scoping meeting in Hercules, California on June 22, 2017. Approximately 35 people attended. The Air District plans to have a second public scoping meeting in Vallejo, California on July 27, 2017.

CEQA Projects

Vallejo Marine Terminal (VMT) and Orcem Project: The proposed project consists of two main components: (1) The VMT component would reestablish industrial uses on the VMT site through the removal of the deteriorated timber wharf and construction of a modern deep-water terminal (2) The Orcem component would involve construction and operation of an industrial facility to produce a high performance, less polluting alternative for traditional portland cement. Orcem would import most of the raw materials used in the manufacturing process via ships docking at the wharf proposed by VMT. Staff sent comments on the DEIR to the City of Vallejo, the CEQA Lead Agency, on November 2, 2015 and participated in a conference call with the project proponent to discuss them. The Air District has received a permit application for the Orcem project, but not for the VMT project. On March 6, 2017, the City of Vallejo Planning Commission voted 6 to 1 in favor of a resolution to deny the Vallejo Marine Terminal/Orcem Project land use and site development permits for the proposed cement processing facility and marine terminal. The Final EIR was not certified. On March 15, 2017, the City of Vallejo received a letter of appeal signed by a VMT/Orcem project representative and Miller Starr Regalia, appealing the Planning Commission's March 6, 2017 adoption of Resolution PC 17-03 to deny the project. On May 30, 2017 and June 1, 2017, the Vallejo City Council heard presentations from city staff and the appellants, as well as public comment. The City Council directed city staff to work with the applicants to make any necessary revisions to the Draft Final EIR and to return to the City Council with a document that is ready for certification.

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

Air District letter. The draft Air District response letter is being circulated for internal review/approval. On December 14, 2016, Syar submitted an application for the blue smoke system to be handled separately from the RAP handling equipment application. An NOE will be filed for the blue smoke application, and an NOD will be filed for the RAP handling equipment application. The Blue smoke application should be issued shortly. Syar and Sierra Research have requested a meeting to discuss responses to open items regarding the RAP application.

Permits and Projects

Gillig LLC (Livermore): Gillig has completed the move of their bus manufacturing facility from Hayward to Livermore. They have started up the coating operations, back-up emergency generators and fire-pumps in Livermore and received their Permits to Operate on May 24th.

B&D Construction: On April 5, 2017, the Air District issued permit condition changes for a portable soil treatment unit. This project was originally proposed for the Warrior's Arena but is no longer expected to operate at this site.

Waste Management of Alameda County (Livermore): On April 26, 2017, the Air District posted a public notice for a major modification of this major facility. The Air District is proposing to approve an Authority to Construct for a new composting operation at the Altamont Landfill facility in Livermore, CA. This proposed operation will process 156,000 tons per year of green waste and food waste into compost using the covered aerated static pile method. The project will emit 21 tons per year of PM₁₀ and 125 tons per year of POC and will employ Best Available Control Technology for these pollutants. The applicant will provide offsets for the POC emissions. Comments were received on this proposed permit. The Air District is preparing responses to these comments.

West Contra Costa Sanitary Landfill (Richmond): On April 27, 2017, Engineering and Compliance & Enforcement staff met with the City of Richmond and other agencies to discuss odor and site management issues related to the composting operations at this site. The agencies are working cooperatively to revise permits and operating conditions to reduce odors and address other compliance concerns at this facility.

Title V Permits: The Title V permit for SFPP, LP (Site A4020, San Jose) was renewed and issued on April 10, 2017.

New Production System: On May 30th, functionality to process charbroilers, graphic arts, and mobile refinishing registrations was launched to the public. In addition, 319 existing facilities with these permit types were transferred.

Regulation 2 Permitting Rules: Revisions to Regulation 2, Rules 1, 2 and 6 are being proposed to 1) require permit review for significant crude slate changes at the refineries,

2) require Best Available Control Technology analysis for any new or modified source that emits 25,000 metric tons per year of carbon dioxide equivalent and 3) address EPA's limited approval/disapproval items published in the Federal Register on August 1, 2016. Public workshops were held at the District and in Martinez on Monday, June 12th and in Fremont on Tuesday, June 13th. The public comment period ended on Monday, June 26th. Staff is reviewing comments, and expects to present these rules to the Board of Directors for adoption in the Fall of 2017.

Regulation 2, Rule 5 Implementation: Effective June 1, 2017, HRAs for new and modified sources of toxic air contaminants (other than gasoline dispensing facilities) are using the Air District's updated HRA Guidelines that are based on OEHHA's 2015 HRA Guidelines.

Amendments to Regulation 3, Fees: On June 21, 2017, the Board of Directors approved amendments to Regulation 3: Fees for Fiscal Year Ending 2018. The amendments would increase fee revenue to help the Air District recover a greater share of the costs the Air District incurs in implementing and enforcing regulatory programs for stationary sources of air pollution. Increases to several of the Air District's existing Fee Schedules are proposed ranging from 2.7% to 9%. Several specific fees in Regulation 3 are proposed to be increased 2.7% based on the annual CPI-W. The following additional amendments are proposed: 1). New fees to help recover the costs for facility-wide Health Risk Assessments (HRAs) and Risk Reduction Plans required pursuant to proposed Rule 11-18: Reduction of Risk from Air Toxic Emissions at Existing Facilities. 2). A new fee equal to the risk screening fee to help recover the costs for each HRA scenario above three HRA scenarios in any permit application pursuant to Rule 2-5. 3). Update Fee Schedule N: Toxic Inventory Fees, to recover current costs and higher California Air Resources Board AB2588 annual fees for FYE 2017. 4). Revise Fee Schedule H: Semiconductor and Related Operations, to directly calculate the fee based on the gross throughput of organic solvent processed. 5). Revise Fee Schedule A: Hearing Board Fees to include diesel exhaust particulate matter in the schedule of toxic air contaminants subject to excess emissions fees. 6). Change all Regulation 3 references of "health risk screening analysis" to "health risk assessment". 7). Delete fees for Duplicate Permits and Duplicate Registrations in Section 309.

Regulation 11, Rule 18, Reduction of Risk from Air Toxic Emissions at Existing Facilities: In support of rule development efforts for Rule 11-18, staff identified potential control technologies and risk reduction measures that would constitute best available retrofit control technology for toxics (TBARCT).

Staff is working with Bay Area Clean Waters Agencies (BACWA) to address the concerns of sewage treatment plants related to proposed Rule 11-18. Staff provided site-specific information about prioritization scores, sources driving these scores, and bases for the emission factors for these sources to numerous sewage treatment plants. Staff is working with the sewage treatment plants to improve the emissions inventories for individual sites and to identify potential risk reduction opportunities.

The District's prioritization score calculation procedures have been updated pursuant to CAPCOA's August 2016 Facility Prioritization Guidelines. The new scoring procedures will become effective on August 1, 2017.

On April 17, 2017, staff updated the Stationary Source Committee on this rule.

Lehigh inter-agency meeting: Santa Clara County Planning Department hosted a meeting on May 30th with the Air District and other oversight agencies to discuss air quality, water quality and noise issues. Staff provided information and answered questions on the proposed rules 11-18, Risk reduction from existing facilities, 6-6, Prohibition of track-out, and 6-8, Bulk material handling and storage.

SCAQMD BACT Scientific Review Committee: On May 24, 2017, the Air District served as a teleconference location for a meeting of the SCAQMD BACT Scientific Review Committee. One member of the public attended. The meeting discussed proposed updates to SCAQMD's BACT Guidelines. An Air District engineer is currently serving a two-year appointment on the committee.

ARB/CAPCOA Training Working Group: Staff participated in this working group's conference call on May 24, 2017. During the conference call, participants discussed the following topics: Updates from the Steering Committee meeting, Draft course learning objectives for ARB courses (Batching Operations, Observing Source Tests, Compliance Assurance Monitoring, GDF Phase I and II EVR Systems, and GDF EVR Testing), ARB's draft training calendar, and Plans for the November 2017 CAPCOA Engineering & Enforcement Symposium.

CAPCOA Engineering Managers Committee Meeting: Staff hosted and participated in the committee meeting on April 25 and 26. Items discussed at the meeting included: EPA updates, ARB updates, Oil & Gas regulation, Landfill regulation, Clean Power Plan, Electronic noticing, Portable ATCM and PERP changes, Air curtain incinerator permitting, CAPCOA/ARB training, SB49 potential impacts, District permit database updates, Power plant permitting, New BACT determinations and unique permitting activities, EPA NATA data versus AB2588 emissions inventory discrepancies, and gasoline dispensing facility emissions factors. The next meeting of this committee is scheduled for August 28 and 29 in San Luis Obispo, CA. The 2017 CAPCOA Joint Engineering Enforcement Symposium has been scheduled for November 7 and 8, 2017, in Folsom, California.

CAPCOA Toxics and Risk Managers Committee (TARMAC): Staff chaired the TARMAC meeting held on June 14, 2017. Some items discussed at the meeting included: two new workgroups that will update the Industry Wide HRA Guidelines for Gasoline Dispensing Facilities and Diesel Fired Emergency Back-Up Engines, the updated Public Notification Guidelines, and inclusion of toxics in CARB's Pollution Mapping Tool.

Inter-Agency Waste Work Group (IAWWG): The IAWWG is developing a siting guidance document for organic waste diversion projects to help city and county governments and project proponents navigate the waste, water, and air boards' regulatory requirements and greenhouse gas goals. CARB presented an outline for this document and general concerns with the outline were discussed during the April 21, 2017 conference call. The Air District Engineering and Planning staff are jointly working on comments to CARB regarding the outline of this guidance document.

NACAA Global Warming Committee Conference Call: On April 12, 2017, staff participated in the committee's bi-monthly conference call. Two presentations were made during the call: (1). President Trump's Executive Order "Promoting Energy Independence and Economic Growth" (by Phil Assmus of NACAA) and (2). President Trump's Executive Order on Energy Independence: U.S. Greenhouse Gas Impacts (by John Larsen of Rhodium Group). Both presentations were informative and timely due to the current presidential transition process. The next committee conference call is scheduled for June 14, 2017.

President Trump Executive Order 13777 Conference Call: Consistent with Executive Order 13777, the U.S. EPA's Office of Air and Radiation hosted a public teleconference on April 24, 2017 to solicit input on specific air and radiation actions that could be repealed, replaced, or modified to make them less burdensome. Staff from the Air District's Engineering and Planning & Climate Protection Divisions participated. On February 24, 2017, President Trump issued [Executive Order 13777](#) on Enforcing the Regulatory Agenda. The Executive Order establishes the "policy of the United States to alleviate unnecessary regulatory burdens placed on the American people." Among other things, it requires each agency to create a Regulatory Reform Task Force to evaluate existing regulations and to identify regulations that should be repealed, replaced, or modified. The focus of this teleconference was on air and radiation actions only. EPA invited participants to provide input on these actions during the public teleconference or by submitting comments to the [EPA-wide docket](#) using docket number: EPA-HQ-OA-2017-0190. The docket, which is accessible through www.regulations.gov, will remain open through May 15, 2017.

EPA Section 105 Grant Mid-Year Report: Staff coordinated the inter-divisional effort to complete and submit the Air District's Mid-Year Report to EPA Region 9. The Mid-Year Report highlights the status of grant objectives and products for the period ending March 31, 2017. The grant requires the Air District to submit mid-year and year-end progress reports to EPA by May 31st each year.

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

The District Counsel's Office received 261 violations reflected in Notices of Violation (NOVs) for processing.

Mutual Settlement Program staff initiated settlement discussions regarding civil penalties or passing the Wood Smoke Awareness Course for 140 violations reflected in NOVs. In addition, 6 Final 30 Day Letters were sent regarding civil penalties for 10 violations reflected in NOVs. Finally, settlement negotiations resulted in collection of \$101,375 in civil penalties for 75 violations reflected in NOVs. *3 NOVs were also settled by passing the Wood Smoke Awareness Course.*

Counsel in the District Counsel's Office initiated settlement discussions regarding civil penalties for 8 violations reflected in NOVs. Settlement negotiations by counsel resulted in collection of \$580,150 in civil penalties for 58 violations reflected ion NOVs.

(See Attachment for Penalties by County)

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

Press Releases

- 4/6/2017 [Fleet of electric delivery trucks coming to SF Goodwill](#)
- 4/7/2017 [Goodwill project to demonstrate viability of electric delivery trucks on Bay Area roads](#)
[Spanish: Flota de camiones eléctricos de reparto llega al Goodwill de San Francisco](#)
- 4/13/2017 [Spring burn season closes for marsh management fires](#)
- 4/18/2017 [Media Advisory: Air District Board to vote on bold climate plan Spare the Air, Cool the Climate](#)
- 4/19/2017 [Air District Board adopts bold climate plan Spare the Air, Cool the Climate](#)
- 4/21/2017 [Air District settles case with Valero Refining Co.](#)
- 4/24/2017 [Media Advisory: Contra Costa County officials take Idle Free Pledge](#)
- 4/25/2017 [Permissive burn seasons close for crop replacement, forest management, orchard pruning and attrition, and range management](#)
- 4/25/2017 [Contra Costa County officials sign on to Idle Free Pledge](#)
- 4/27/2017 [Air District offers \\$5 million to expand regional bikeways and bike parking facilities](#)
- 4/27/2017 [Spare the Air smog season begins as warmer weather approaches](#)
- 5/2/2017 [Air District issues first 2017 Spare the Air Smog Alert](#)
- 5/4/2017 [Bay Area achieves federal particulate matter air quality standard](#)
- 5/5/2017 [Air District part of multi-agency investigation into large Valero Refinery incident](#)

5/9/2017	Air District issues six violations to Valero refinery
5/12/2017	Air District settles case with Chevron USA Inc.
5/16/2017	Air District begins stepped-up enforcement of the Bay Area Commuter Benefits program
5/17/2017	Air District issues 4 violations to Chevron refinery for 2016 odor incident
5/21/2017	Air District issues Spare the Air Smog Alert
5/22/2017	Media Advisory: Spare the Air Leadership Award winners to be honored at Acterra Business Environmental Awards ceremony
5/31/2017	Permissive burn season for flood debris fires closes, double crop stubble season begins
5/31/2017	Air District Board of Directors to cap refinery greenhouse gases)
6/1/2017	Bay Area Air District statement on Trump’s decision to pull out of the Paris climate agreement
6/15/2017	Protecting Blue Whales and Blue Skies Program Expands to San Francisco Bay Area)
6/16/2017	Air District issues Phillips 66 and oil tanker operator violations for Vallejo odor incident
6/17/2017	Air District issues Spare the Air Smog Alert
6/19/2017	Air District urges carpooling, transit due to hot temperatures
6/21/2017	Air District issues Spare the Air Smog Alert
6/21/2017	Air District Board postpones historic vote on greenhouse gas cap for region’s five refineries
6/22/2017	Air District issues another Spare the Air Smog Alert
6/26/2017	Permissive burn period begins for range management fires
6/30/2017	Air District urges caution with fireworks this Fourth of July

Media Inquiries

Staff responded to 124 media inquiries during this quarter, including requests about:

- Richmond/San Francisco Odor Investigation
- Trump Climate Policies
- Draft Refinery Rules, EIR
- Vallejo Odor Investigation
- “Spare the Air, Cool the Climate” Plan
- Goodwill Electric Event
- Fremont Car Lot Fire
- Chevron Flaring, Release and Settlement from Prior Incident
- Shell Flaring
- Valero Settlements from Prior Years
- Valero Power Shutdown, Flaring, Backup Power and Violations
- Flaring and Air Monitoring at Refineries
- Refinery Emissions and Workshops
- Residential Fires
- Gas Tax and Trucker’s Amendment

- Spare the Air Season Launch
- Spare the Air Alert, Smog and Haze
- Chevron Settlement from Prior Incident
- Contra Costa County Idle Free Pledge
- Wood Smoke Reduction Incentive Program
- Google Air Quality Mapping Vehicles
- Port of Oakland Truck Regulations
- Commuter Benefits Program
- Regulation 12, Rule 16 and Board of Directors Meeting
- Delta Energy Center
- Tesla Permits
- Phillips 66 Refinery and Yamuna Spirit Tanker NOVs
- Bayview Warehouse Fire
- Protecting Blue Whales and Blue Skies Program
- West Oakland Air Quality
- Refinery Greenhouse Gas Cap

Media Highlights

The Air District was mentioned in 716 print/online stories and in 554 video and radio clips. Below are media coverage highlights:

- [East Bay Times: Air quality: State supports placing cap on pollution by Bay Area refineries](#)
- [San Francisco Public Press: By Weakening Law, Developers Shift Sea Rise Burden to Cities](#)
- [San Francisco Chronicle: Bay Area air-quality agency tackles climate change](#)
- [East Bay Times: Sweeping climate control plan adopted by Bay Area air board](#)
- [Marin Independent Journal: Marin scores well on air report, struggles with wood-burning devices](#)
- [San Francisco Chronicle: SF's green energy goal is a decade ahead of target](#)
- [KALW: Historic vote could freeze Bay Area refinery emissions levels](#)
- [San Francisco Examiner: Bay Area resists Trump's assault on the environment](#)
- [Planetizen: Air District Connects Climate Protection to Clean Air Plans](#)
- [KGO7: Contra Costa Co. supervisors sign Idle Free Pledge](#)
- [OAKLAND NORTH: FUTURE OF ASBESTOS REGULATIONS REMAINS UNCERTAIN](#)
- [MARIN IJ: LARKSPUR RAIL EXTENSION LANDS \\$13.3M BOOST](#)
- [Point Reyes Light: Marin gets A and C grades for air](#)
- [MARIN INDEPENDENT JOURNAL: EDITORIAL: MARIN'S 'A' FOR AIR QUALITY JUST PART OF THE STORY](#)
- [THE DAILY JOURNAL: FIRST SPARE THE AIR ALERT OF SUMMER SEASON ISSUED](#)
- [San Francisco Chronicle: Heat record broken in SF, but cool weekend on tap](#)

- [The Almanac: Season's first Spare the Air alert today](#)
- [The Independent: District Focusing on Improving Air Quality and Reducing Greenhouse Gases](#)
- [East Bay Times: Evacuation order lifted after flaring, heavy smoke Friday morning at Valero refinery in Benicia](#)
- [San Francisco Chronicle: Flaring at Valero Refinery in Benicia causes evacuations](#)
- [ABC7 News: Flaring at Valero refinery triggers evacuations in Benicia](#)
- [Times Herald: Bay Area air hits healthy milestone thanks to tough wood-burning rules](#)
- [Times-Herald News: Flaring at Valero Refinery in Benicia prompts evacuations](#)
- [East Bay Times: Valero's Benicia refinery hit with four violations for big smoke release](#)
- [KQED.Org: Benicia Mayor Calls For Key Emergency Improvements After Valero Refinery Outage and Flaring](#)
- [KQED News: After Valero Refinery Outage, Three Probes ... and Rising Gas Prices](#)
- [East Bay Times: Chevron's Richmond refinery to pay \\$181,000 in air pollution penalties](#)
- [KRON 4: Flaring at Valero Refinery in Benicia, again](#)
- [Energy Collective: One Stone, No Birds: California Greenhouse Gas Policy](#)
- [KRON4: Chevron calls air district's conclusion about December rotten egg smell in Richmond 'unlikely'](#)
- [Mountain View Voice: More enforcement of Bay Area commuter benefits program on its way](#)
- [The Pioneer: Editorial - Good chimneys make good neighbors](#)
- [San Francisco Chronicle: Spare the Air Alert issued for Monday in Bay Area](#)
- [KQED News: More of Bay Area May Be Vulnerable to Refinery Mishaps Than Previously Believed](#)
- [San Francisco Chronicle: Opinion - A diet for a more sustainable Bay Area: Eat more veggies](#)
- [KQED News: Valero Outage Prompts Benicia to Consider Industrial Safety Ordinance](#)
- [NBC Bay Area: Is San Francisco's Building Boom Taking a Toll on Poorest Neighborhoods?](#)
- [NBC Bay Area: 'Momentary Release' at Benicia Valero Refinery Being Assessed; No Evacuations](#)
- [Marin IJ: Marin Voice: Clean air goals seek to ensure healthier future](#)
- [East Bay Times: Tougher climate change policy for Bay Area moves forward](#)
- [KRON4: California leaders react to President Trump's withdrawal from Paris Climate Agreement](#)
- [San Francisco Examiner: Local, state leaders react to Trump's withdrawal from Paris Climate Agreement](#)
- [The Berkeley Daily Planet: California leaders react to pullout from Paris Accord](#)
- [The Washington Times: California business executives join Gov. Brown in China](#)

- [KQED News: Valero's Benicia Refinery Outage Triggered 'Huge' Release of Pollution](#)
- [East Bay Times: Community asked to weigh in on Phillips 66 Rodeo refinery marine terminal proposal](#)
- [Times-Herald: Report on major pollutants released after May flaring at Benicia's Valero Refinery](#)
- [Government Fleet: 5 Fleets Recognized for Earning Operational Certifications](#)
- [KRON4: Air District issues nuisance violations for oil sheen in San Pablo Bay last year](#)
- [East Bay Times: Heat records fall throughout the Bay Area; blistering temps ahead](#)
- [San Francisco Chronicle: Bay Area to cap refineries' greenhouse gases — and greens are mad](#)
- [San Francisco Chronicle: No greenhouse-gas caps on Bay Area oil refineries, for now](#)
- [KCLU: Effort to Slow Cargo Ships in Santa Barbara Channel To Improve Safety For People, Whales Expands](#)

Public Inquiries

Staff responded to the 432 phone calls from the public during this quarter.

Community Events

Staff participated in the following events:

- Multiple Earth Day Events - Various Bay Area locations (April 15 – 30)
- Idle Free Pledge (April 25) - Martinez
- Breathe Easy Asthma Awareness 5K & Kids Fun Run (May 28) – Oakland
- City of Pittsburg Health and Safety Fair (June 1)
- Green Footprint Festival (June 8) – Pittsburg
- San Mateo County Fair (June 10-18)
- Safe Kids Day 2017 (June 10) – Alameda County Fairgrounds
- Sunday Streets Sunset/Golden Gate Park (June 11) – San Francisco
- Napa Fire Preparedness Day (June 17)
- NVIDIA Green2Work Employee Commuter Fair (June 22)
- Alameda County Fair (June 23-July 9)
- Contra Costa Commuter Fair (June 28)
- Marin County Fair (June 30-July 4) – San Rafael

Annual Report and Publications

The Annual Report was created, printed and presented to the Board of Director's on May 17, 2017. It was mailed out on June 9. Air Currents was sent out on May 1, 2017.

Videography

The STA Minute smog video was approved and posted on YouTube and social media.

The Goodwill event was filmed, edited and sent to the San Francisco public access channel and the ARB. The event celebrated Air District grant funding to switch over to eleven zero emission trucks.

A Congestion and Carpooling video was produced in Spanish and English.

Air District Social Media

Air District social media sites promoted the adoption of the 2017 “Spare the Air, Cool the Climate” Plan.

The best performing posts on social media were the Commute.org Commuter Challenge with over 1,000 impressions on both Facebook and Twitter. Carpool images on Instagram received over 200 impressions per post. Other top performers included Wordless Wednesday (Facebook and Instagram), and 511 SF Bay Peet’s Gift Card Giveaway (Twitter).

Staff posted an Air Quality Facts series on Instagram, and commenced use of Sprout social media monitoring and publishing service.

Daily and Five-Day forecasts are being posted. Air District job openings were posted on Facebook.

Posts on Facebook and Twitter included: the flaring at Valero and Chevron, Valero settlement of prior NOVS, Air District meets federal air quality health standards, Bike to Work Day 2017, the Clean Air Plan, Trump’s decision to leave the Paris Climate Agreement, and the Rule 12-16 Board Meeting.

Approximate follower counts at 6/30/17 were: Facebook 544, Twitter 1,321 and Instagram 803.

Spare The Air Every Day

An Oakland Broadway Shuttle bus wrap was installed, and social posts were drafted with bus wraps. iMagic installed the first shuttle wrap. Artwork for a train wrap on the Capitol Corridor train is being provided.

The first STA Alert was pitched there were five STA alerts during the quarter.

The new Treasure Island banner went up June 1, 2017. Comcast cable TV ads, Division D online and mobile ads, Pandora online streaming ads and Clear Channel digital billboard

ads all went up and ran. The ribbon board in Oakland A's Stadium ran during games on June 18 and 19, 2017.

Bike outreach was present at the Santa Rosa Wednesday Night Market (May 25), Calistoga Farmer's Market (June 3), Fairfield Farmers Market (June 15), Diablo Valley's Farmers' Market & Downtown Walnut Creek (June 17), Downtown Sonoma Square (June 18) and Lake Merritt Off the Grid Market (June 23).

Winter Spare the Air

Staff finalized the WSTA Final Report.

Employer Program

A presentation about the Carpool Now program was made at the Livermore Valley Chamber Business Alliance on April 5.

Carpool Now Program Events – A presentation was made to employers on May 1, 2017 at Stanford Research Park and a County of Marin event was held on May 18.

The San Francisco Resource Team held an event for employers at The Public House, AT&T Park on May 24, 2017. Guests and presenters included Salesforce, The Gap, SF MOMA, Academy of Art University, UCSF, USF, Earth Justice, SFO, SF Giants, Cushman Wakefield, Zynga and more.

The San Jose Resource Team worked with the City of San Jose to present certificates to Green Commute Champs, and put together a webinar about Commute Champs. Carpool Now events were held at Abaxis/Ariat (June 22) and Workday (June 28). The Contra Costa Resource Team will be promoting "idle-free" at a table at the Green Footprint Festival in Contra Costa.

Clean Air Plan

Staff completed an overall communications strategy, national publicity strategy and social media promotion ideas for publicizing the Clean Air Plan – Spare the Air, Cool the Climate.

A timeline is being developed. A social media plan has been developed.

Media Events

SF Goodwill Industries Event – April 7, 2017. See Videography.

Spare the Air Social Media

STA events were added to the STA Facebook Page events tab, and STA Minute videos to the STA Facebook Page Videos Tab. Staff drafted social media ideas for STA Every Day 2017.

The “Spare the Air, Cool the Climate” video was loaded on YouTube. The best performing posts on social media were the Contra Costa County Board of Supervisors who took the pledge to be idle free (Facebook and Twitter) and Wordless Wednesday (Facebook, Twitter and Instagram). Ads for Facebook were approved. Postings were made about the Napa Valley Commute Challenge.

Acterra tweeted about the Spare the Air Leadership Award. Staff followed media on the STA Alert Call Down list on STA Twitter and Instagram, and researched themed posts from government agencies and programs.

STA Alerts were posted both the day before, and the day of the alert, in English, Spanish and Chinese. The Golden Gate National Park Service reminded STA that burning is banned in the summer and winter at parks, per the Superintendent’s Compendium.

COMMUNITY ENGAGEMENT DIVISION J. ROGGENKAMP, DEPUTY EXECUTIVE OFFICER
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OUTREACH AND ENGAGEMENT PROGRAMS

Spare the Air Youth

- **Tuesday, June 20, 2017 - Bi-weekly STAY-TAC Meeting** - Staff met with Alta Planning to discuss the 2018 YES conference planning, and updating the Spare the Air Youth website.
- **Ongoing – Youth for the Environment and Sustainability (YES) Conference Planning** – Staff have started to plan next year’s YES conference and is currently looking for venues, creating contact databases and reaching out to potential presenters.

Spare the Air Resource Teams

- **Friday, June 30, 2017 – San Jose Green Commute Champions Recognition Event** -Air District staff attended an event to recognize over 50 City of San Jose employees who became “Green Trip Champions” thanks to their efforts to promote clean commute alternatives. Staff presented Air District certificates of recognition to each champion, and made brief remarks during a ceremony.

- **Thursday, June 29, 2017 - San Jose Green Vision Resource Team, Teleconference** - Air District staff participated in the San Jose Green Vision Resource Team meeting over the phone. The team discussed sponsorship for Silicon Valley Bike Summit.
- **Wednesday, June 28, 2017 – San Jose Green Vision Resource Team’s Commute Champions 2017 Webinar** – Air District staff attended the San Jose Green Vision Resource Team’s Commute Champions Webinar. The webinar provided an overview of the City of San Jose’s Green Trip Champions and Alameda County’s Clean Commute Champions programs.
- **Monday, June 26, 2017 – Idle Free Bay Area Video Meeting, Air District Offices** – Community Engagement and Communications staff met with representatives from Community Focus to brainstorm ideas to promote the Idle Free Bay Area project.
- **Tuesday, June 20, 2017 – San Mateo County Spare the Air Resource Team, Redwood City** – Staff attended and participated in the San Mateo County Spare the Air Resource Team meeting at the County Center in Redwood City. The team discussed their “Active Trips Incentive” project, approved sponsorship for the Silicon Valley Bike Summit and reviewed additional team project ideas.
- **Tuesday, June 13, 2017 – Meeting with Kerns and West** – Staff met with consultants from Kerns and West to debrief on the Resource Team Retreat and Recognition Event on June 1st.
- **Thursday, June 1, 2017 – Spare the Air Resource Team Retreat** – Staff partnered with consultants from Kerns and West and Community Focus to plan a successful Resource Team Retreat and Recognition Event on June 1st. CE staff engaged staff from Planning and Communications to present and facilitate breakouts and Jack recognized each Resource Team with a certificate during a pre-lunch celebration. Next steps will be to compile all the notes and evaluations from the retreat and convene a team to discuss and plan next steps. The CE office will lead this effort. The five-hour retreat successfully met the objectives to:
 - Ensure a common understanding of the Climate Action Plan and how it can be applied on the local level.
 - Help the Resource Teams integrate the Climate Action Plan into their programs, and broaden their focus beyond transportation.
 - Foster buy-in of the broadened scope, help Resource Teams develop plans moving forward.
 - Promote information sharing and problem-solving across the Resource Teams.
 - Celebrate 25 years of the Resource Teams’ good work.
- **Wednesday, May 24, 2017 – San Francisco Resource Team Meeting** – Staff attended a San Francisco Spare the Air event called Hit a Homerun with your Commute Program in which more than 50 attendees learned about opportunities and incentives for clean commute programs for their employees.

- **Friday, May 19, 2017 – Napa Clean Air Coalition Meeting** – Staff attended the Napa Resource Team meeting and provided an update on the Clean Air Plan and encouraged participation in the upcoming Retreat and the Resource Team Survey. The Napa Resource Team is in the middle of planning for next fiscal year’s projects. They brainstormed ideas and agreed to return in July once they have reviewed the Air Districts Clean Air Plan, learned from the Resource Team Retreat and reviewed other local climate plans.
- **Tuesday, May 2, 2017 – Santa Clara County Spare the Air Resource Team Meeting**- Staff provided updates regarding the upcoming retreat and encouraged team members to fill out resource team survey. Staff from the grants office provided a presentation regarding Air District funding and current available grants.
- **Friday, April 28, 2017 - San Francisco Resource Team Meeting** – Staff updated the resource team on upcoming retreat, resource team survey and shared excitement about the adoption of the Clean Air Plan. Primary focus of the meeting was to plan for outreach to their March 24th Clean Commute luncheon for local business.
- **Thursday, April 27, 2017 – San Mateo Resource Team Meeting** – Staff updated the resource team on workshops, the upcoming Resource Team retreat, and reported on the 2017 YES Conference. Staff encouraged attendees to fill out survey regarding Resource Teams.
- **Tuesday, April 25, 2017 - Contra Costa County Board of Supervisors and Contra Costa County Resource Team Idle Free Pledge Resolution** – Staff made a presentation to the Contra Costa County Board of Supervisors to recognize their leadership in signing and encouraging County residents to take the “Idle Free Pledge,” a campaign promoted by the Contra Costa County Resource Team.
- **Tuesday, April 25, 2017 – Contra Costa County Spare the Air Resource Team** – The team is encouraging drivers to take the Idle Free Pledge. There is an official petition that is being signed and supported by Commissioners Gioia and Mitchoff.
- **Wednesday, April 19, 2017 – Tri Valley Spare the Air Resource Team** – The team is planning to launch a Cinema Ad Design for public consumption. This will be a text message released in local movie theaters.
- **Monday, April 17, 2017 – San Jose Green Vision Resource Team Meeting** – Staff updated the resource team on workshops, the Resource Team retreat, and reported on the 2017 YES Conference. The team shared updates on the Green Commute Champions program and Stop Junk Mail San Jose.
- **Thursday, April 6, 2017 – Southern Alameda Resource Team Meeting** – Staff provided an update on workshops, the Resource Team retreat and grant information.
- **Monday, March 27, 2017 – Wednesday, April 5, 2017** – Staff met with consultant from Kerns and West and Community Focus to continue planning a Resource Team Retreat and Recognition Event on June 1. BAAQMD staff are responsible for liaising with Community Focus, developing and administering the pre-retreat assessment.

COMMUNITY ENGAGEMENT ACTIVITIES

Community Meetings, Workshops and Site Visits

- **Wednesday, June 28, 2017 – Meeting with Sustainable Silicon Valley, Conference Call** – Staff met with representatives from Sustainable Silicon Valley via conference call to discuss their first quarter progress report on their Net Positive Communities – East Palo Alto Project.
- **Tuesday, June 20, 2017 – Phillips 66 Scoping Meeting** – Staff coordinated and facilitated the scoping meeting in Hercules, CA. There were 31 attendees representing diverse sectors, including residents, nonprofits, industry, healthcare and more.
- **Tuesday, June 20, 2017 – Community Grant Assistance** – Staff provided technical assistance in managing the Brookfield Elementary Vegetative Barrier Project.
- **Monday, June 19, 2017 – Green Action Meeting** – Staff facilitated a Cumulative Impact Working Group discussion about the Engineering process for issuing Permit Rules and Health Risk Assessment at the request of community groups.
- **Monday, June 19, 2017 - Communities for a Better Environment (CBE) Air Odor Study Results Meeting**—Staff attended and listened to a presentation by CBE organizer and residents that participated in air odor study. Staff are working with outside researcher to coordinate July meeting for additional data to assist in this study.
- **June 12, 2017 and June 13, 2017 - Rule 2-1 and 2-2 Public Workshops** – Total of 55 attendees participated in-person and 25 participated in the webinars (all webinar attendees were during the SF presentation). Three comment cards were completed and 21 evaluations were turned in. A debrief is scheduled for Tuesday in which we will review the evaluation results. A new Open Air Forum Topic has been posted to allow stakeholders to view the presentation and provide informed comments.
- **Thursday, June 15, 2017 – Hidden Hazards Report Meeting** – Staff is organizing an exploratory SKYPE call between BVHP advocates and Liberty Hill participants to discuss different aspects of the Hidden Hazards Report. BVHP will conduct their own Ground Truthing research for Hidden Hazards.
- **Monday, June 5, 2017 – Clean Air Plan Implementation Meeting** - Staff from BAAQMD and SFDE met to discuss collaboration opportunities with a focus on Clean Air Plan implementation.
- **Friday, June 2, 2017 – Pittsburg Unified School District Idle Free Meeting** - Staff attended a meeting with staff from Pittsburg Unified School District to review progress to date with their Idle Free Policy, and plan for next year’s implementation. Staff is interested in helping this effort spread to other school districts in the Bay Area.
- **Thursday, May 18, 2017 – Site Visit** – Staff conducted outreach and site visits in Vallejo in preparation for future listening sessions.

- **Tuesday May 16, 2017 – Telemundo and Outreach to LEP Communities –** Staff met with a representative from Telemundo to explore ways that Community Engagement can partner with them to provide information and engage with the Latino community in the Bay Area.
- **Monday May 15, 2017 – Green Infrastructure Meeting -** Staff attended an inter-agency meeting on green infrastructure plans for the East Oakland CARE communities as part of the technical advisory team for the San Leandro Creek Urban Greenway Project that will be overseeing the application for project mitigation funding through the State Natural Resource Agency.
- **Wednesday, May 10, 2017 – Salesforce CRM Exploratory Meeting –** Air District staff met with Salesforce to discuss using their CRM (Client Relationship Management) platform to manage Community Engagement’s contacts. The CEO team will explore this through a free trial for a later decision.
- **Wednesday, May 10, 2017 – Bay Area Regional Health Inequities Initiative (BARHII) Meeting –** Staff met with a representative from BARHII to brainstorm potential collaboration opportunities that would allow the Air District to engage with Limited English Proficiency and other communities that don’t tend to participate in our outreach events.
- **Tuesday, May 9, 2017 – Meeting with Peak Democracy –** Staff met with Peak Democracy to learn all the techniques embedded in the format for public participation and community engagement. Discussed new ways to utilize the platform for Open Air Forum. Two upcoming topics include New Permits Regulations and a Mapping topic to learn about air pollution concerns and community assets/potential partners.
- **Wednesday, May 3, 2017 – Kids Making Sense Presentation –** Staff participated in a presentation to learn about educational kits for middle and high school students. Community Engagement may purchase kits as part of a teacher lending library soon.
- **Wednesday, May 3, 2017 – US Climate Health Alliance Webinar –** Staff participated in a webinar from the US Climate Health Alliance, a national group considering the implications of climate on Public Health. Current efforts include encouraging alliance members to engage in State-level policy options to address this impact.
- **Wednesday, April 26, 2017 - Joint Meeting of ARB and EJAC –** Staff attended the joint meeting of ARB and the Environmental Justice Advisory Council in Sacramento. The group discussed EJAC recommendations for the final draft of the Scoping Plan. ARB agreed to incorporate some recommendations and consider others.
- **Monday, April 24, 2017 – Goldman Environmental Prize Awards –** Staff attended this prestigious award ceremony where environmental justice leaders from all corners of the world are recognized for their efforts.
- **Monday, April 17, 2017 – Air District and 350 Bay Area Meeting –** Executive, Planning, and Community Engagement staff met with representatives from 350 Bay Area to talk about the latest draft of the 2017 Clean Air Plan prior to the Board hearing on April 19.

- **Tuesday, April 11, 2017 – BCDC Environmental Justice Meeting** - Staff meet with BCDC staff to discuss efforts and progress that the Air District has made to address environmental justice and equity issues. BCDC is reviewing their policies and wanted to learn what other agencies are doing.
- **Wednesday, April 5, 2017 – Meeting with BAEHC** - Staff met with representatives from the Bay Area Environmental Health Collaborative to discuss the enhanced Public Participation Plan.

Other

- **Thursday, June 29, 2017 – Greenlining Institute Visit** – Staff provided a tour and informational session for recent Greenlining Institute Academy graduates of the Air District. The group learned about the Air District, toured the lab and the Meteorology room, and they had excellent questions.
- **Monday, June 19, 2017 - High School Interns** – Three high school interns started to work at the Community Engagement Office. They will be helping with planning the 2018 YES conference. Interns will work at the Air District until Labor Day.
- **Wednesday, June 28, 2017 – Safe Driver Training** – Staff attended a safe driver training course at the Sonoma raceway. The Driver Training course educates participants about the realities of driving, empowering them to safely and efficiently handle a variety of challenging scenarios on the road. In addition, techniques that reduce wear and increase fuel efficiency will also be covered.
- **Monday, June 26, 2017 - ROAR-Equity Tool Development Meeting** – Staff participated in a cross-agency racial equity tool development meeting with staff from MTC and BCDC.
- **Wednesday, June 21, 2017 – Board Meeting Support** – Staff provided crowd support for the Board hearing on Rule 12-16. Approximately 250 people attended the Board meeting.
- **Tuesday, June 20, 2017 – Monitoring Research Project Meeting** – Staff participated in a technical discussion with MMR, ARB, EDF regarding the development of a research project in 9 low socioeconomic status areas that are impacted by poor air quality.
- **Tuesday, June 20, 2017 – Three GARE Meetings:** 1) Met with cross agency workgroup to review presentation to BARC deputy and planning directors; 2) GARE Speakers series about reaching elected, followed by brainstorming around our groups opportunities and challenges regarding meeting with our elected; 3) First cross-agency Racial Equity Tool Development working groups meeting.
- **Thursday, June 15, 2017 – ROAR Equity Meeting** – Staff attended a ROAR-Equity meeting to further develop a strategic framework and identify clear next steps. Staff will lead the Racial Equity Tool and the Racial Equity Action Plan Subcommittees
- **Wednesday, June 14, 2017 – Dry Run of the Cumulative Impact 101 Meeting** – Staff participated in a dry run of the presentations led by Engineering – staff

provided feedback on the presentation to be presented to the community next week.

- **Tuesday, June 13, 2017 – ROAR Working Group** - Staff attended the working group of ROAR-Equity to develop agenda items and further develop strategic framework in preparation for full ROAR-Equity meeting on Thursday
- **Wednesday, June 7, 2017 – Citizen Science Air Monitoring Webinar** - Staff joined an EPA webinar titled Citizen Science Air Monitoring. This webinar provided an overview of the tools that are used to conduct citizen science projects involving low-cost air sensor technology and educate communities on best practices for successful air monitoring projects.
- **Wednesday, May 31, 2017 – Rule 12-16 Board Hearing** – Staff assisted with planning for meeting logistics with multiple community and industry groups, and helped during the day of the meeting to facilitate a smooth hearing process.
- **Wednesday, May 23, 2017 - Health and Oil and Gas Production Webinar – California Department of Public Health** – Staff participated in a portion of this webinar. Through recent research, the health consequences of fossil fuel production are becoming clearer.
- **Wednesday May 17, 2017 – GoToWebinar Training** – Staff participated in a training webinar to go over how to set up and manage a webinar for offering real-time connectivity and interaction for those who cannot attend our future workshops in person.
- **Tuesday, May 16, 2017 – Rule Workshop Outreach** – Staff did outreach and posted flyers in Martinez for the upcoming Reg 2 workshops.
- **Thursday, May 11, 2017 – GARE Training** – Staff attended a full day training through GARE. The focus of the training was to develop action plans across agencies to address racial equity. The regional team identified a framework and shared equity goals and formed a workgroup to develop a timeline and action plan. The team would like to eventually present the framework and action plan to executives at each agency.
- **Wednesday, May 10, 2017** – Staff attended a student presentation at Madison park Academy in East Oakland and attended a town-hall meeting for Sobrante Park hosted by County Supervisor Nate Miley and City Council President Larry Reid.
- **Friday, May 12, 2017 – CORO Leadership Luncheon** – Staff attended this annual event that recognizes graduating CORO Fellows. The Air District hosted a CORO Fellow in 2016.
- **Tuesday, May 9, 2017 – Situational Leadership Training** - Management staff attended the Situational Leadership II training. The training provided excellent tips for effective management and goal accomplishment.
- **Friday, May 5, 2017 – Air District Tour** – Staff hosted a tour for Girl Scouts from Windsor, CA. Five girls and five parents learned about the air district, visited the Met room and the lab. They were also about to tour the building and ask staff questions about air quality and how they can get involved in our work.
- **Thursday, May 4, 2017 – UC Berkeley Brown Bag: Monitoring Air Quality with Community: Driven Data** – Staff from most Air District divisions attended

this presentation and heard inspiring testimony from residents in East Oakland and UC Berkeley students trying to provide a platform to collect and share local air quality data.

- **Tuesday, May 2, 2017 – Situational Training** – Management staff attended the first day of the Situational Leadership II training. All Air District management and supervisory staff will receive this training over time.
- **Sunday, April 30, 2017 – Tuesday, May 2, 2017 – Othering and Belonging Conference** – Staff attended a three-day Othering and Belonging Conference to learn about building inclusive and transformative initiatives into the Air District's GARE work.
- **Wednesday, April 26, 2017 – Air District tour** – Staff provided a tour for Lincoln High School students. Students learned about the Air District and how the lab functions.
- **Thursday, April 13, 2017 – GARE Training** – Staff attended a ½ day training through GARE. The focus of the training was an intro to using a Racial Equity Tool and adaptive leadership. The regional team identified a potential shared equity goals (ex: increase accessibility to Board and Commission Meetings to all the Region) and potential challenges. The group then receive feedback from another team through a process called Consultancy.

Events

- **Saturday, June 3, 2017 - Green Ninja Film Festival** - Staff attended, tabled, and presented at the 4th annual film festival. The Air District was one of the sponsors for the event. Staff promoted the YES conference and shared information about the Air District.
- **Wednesday, May 24, 2017 – 2017 ACTERRA Awards Ceremony** – Staff attended the awards ceremony to learn about this type of award event and gather insight for a potential Air District Community Award later this year.
- **Wednesday, May 24, 2017 - Berkeley High School Activism Fair** – Staff attended and tabled at the Berkeley High School. Staff did outreach for the YES conference in the areas of sponsorships, partnership, and leadership opportunities.
- **Tuesday, May 16, 2017 - SEI/Green Careers Conference** – Staff attended, presented, and tabled at the Bay Area High School Career Conference. Staff did outreach for the YES conference in the areas of sponsorships, partnership, and leadership opportunities.
- **Wednesday, May 10, 2017 – MTC Plan Bay Area Open House** – Staff attended the Plan Bay Area Open House in Walnut Creek to network and learn new strategies for engaging the public in open houses.
- **Saturday, April 22, 2017 - Higher Ground Earth Day** – Higher Ground, a community based organization, hosted an all-day engagement Earth Day event at Brookfield Elementary School in east Oakland. There were approximately 20 groups involved in activities.
- **Thursday, April 20, 2017 and Friday, April 21, 2017 – Navigating the American Carbon World Conference** – Community Engagement staff

coordinated the sponsorship deliverables for this conference, including a booth that featured information about the newly adopted 2017 Clean Air Plan, *Spare the Air, Cool the Climate*. Approximately 60 people visited the booth each day.

- **Saturday, April 15, 2017 – IntegrArte Ciudad Clea “Bicycle City”** – Staff attended the IntegrArte Ciudad Clea “Bicycle City” event at the Alvarado Elementary School in San Francisco. This event was funded as part of the 2017 Community Engagement Office- Community Grants.
- **Thursday, April 6, 2017 - Oakland Earth Expo** – Staff tabled and networked at the Oakland Earth Expo on April 6. Approximately 60 community stakeholders visited the table despite wind and rain.

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

Air Quality Planning

Staff continued work on completing the *2017 Clean Air Plan; Spare the Air, Cool the Climate* (2017 Plan) including: completing final edits to the 2017 Plan, preparing documents for the April 19, 2017 Board packet, responding to public comments on the 2017 Plan, and completing the Final Environmental Impact Report. Since adoption by the Board, staff has initiated work on prioritizing the implementation of the approximately 285 implementation actions contained in the 85 control measures. Staff participated in the Metropolitan Transportation Commission/ Association of Bay Area Governments sponsored public open houses on the Draft Plan Bay Area 2040 to provide information on the 2017 Plan. Staff provided CEQA comment letters to: the City of Gilroy on the Notice of Preparation for the Performance Food Groups Distribution Center Project, the City of Petaluma on the Davidson/Scott Ranch Project Draft Environmental Impact Report, and the City and County of San Francisco on the Draft Environmental Impact Report for the Seawall Lot 337 and Pier 48 Mixed-Use Project.

Research and Modeling Program

Staff continued work on air quality modeling of the period from mid-May through mid-October 2016 in support of the California Baseline Ozone Transport Study (CABOTS) and participated in California Air Resources Board (CARB) hosted CABOTS meetings. Staff developed a project with CARB to improve ozone boundary conditions in the Bay Area. Staff developed a project for continued ozonesonde (balloon-borne) measurements at Half Moon Bay during the 2017 ozone season. Staff participated in two webinars: (1) the next release of the CMAQ model organized by US EPA, (2) estimating background ozone organized by the Western States Air Resources Council. Staff worked on updating US EPA’s CMAQ model to simulate methane and carbon dioxide concentrations from local emissions and conducted simulations. Staff prepared high resolution meteorological input data to be used in back trajectory modeling by Climate Protection staff to establish source-receptor relationships in the Bay Area for GHGs. Staff continued work to update estimates of ultrafine PM impacts on public health and to prepare a draft report on the

findings. Staff participated in several meetings with the U.S. EPA on a SO₂ demonstration project. Staff participated in a conference call with CARB and other air districts to discuss spatial allocation of emissions data used in SIP modeling. Staff continued work on improving estimates of shipping emissions using ship activity data obtained from NOAA and a new emissions model developed by the Lake Michigan Air Directors Consortium. Staff assisted MTC staff with their Vital Signs webpage.

Community Air Risk Evaluation (CARE)

Staff participated in several meetings and conference calls with the UC Berkeley School of Public Policy, CalEPA, and other air districts to discuss a draft plan that would add supplemental monitors and reduce air pollution health impacts near stationary sources covered under the State's Cap & Trade program. Staff participated in meetings and conference calls with representatives from San Francisco Planning, San Francisco Department of Public Health, and consultants to discuss updating San Francisco's Community Risk Reduction Plan (CRRP). Staff made a presentation at the 2017 Conference of the Association of Environmental Professionals as part of a panel entitled "Community Risk Reduction Planning: Taking the HRA (Health Risk Assessment) to the Next Level to Address Public Health." Staff met with representatives from the Environmental Defense Fund (EDF) and Google to discuss publicizing results of a joint mobile monitoring study of combustion-related pollutants (NO_x and black carbon) in West Oakland. Staff participated in a meeting with the California Air Resources Board (ARB) and EDF to discuss a project that would extend the detailed air quality mapping completed in West Oakland, adding air quality sensors to Google's Street View cars, to other Bay Area communities. Staff coordinated with UC Berkeley on arrangements to install a low-cost monitor (BEACON node) to collect greenhouse gas (GHG) and criteria pollutant measurements on the roof of the Bay Area Headquarters Authority (BAHA) at 375 Beale Street. Staff participated in an EPA webinar on low-cost air monitoring.

Emissions Inventories

Staff continued work on the emissions inventory quality assurance project plan (EI QAPP) project, including proceeding with two case studies to refine source emissions and location data and convening regular meetings with Engineering and MMR staff. Staff completed tables and charts on methane emission rates for landfills, wastewater treatment plants, and dairies to compare to aircraft measurements collected by U.C. Davis in 2016 for such facilities under contract to the District. Staff attended via teleconference a meeting of the Emission Inventory Technical Advisory Committee (EITAC), a statewide meeting on emissions inventory methods with the California Air Resources Board (ARB), US EPA, and local air districts. Staff attended a California Air Pollution Control Officers Association (CAPCOA) AB197 workgroup meeting to discuss updates to and schedules for ARB's reporting of greenhouse gases (GHGs), criteria pollutants, and toxic air contaminants via the online integrated emissions visualization tool. Staff attended an ARB workshop/webinar on updates to the State's tool for estimating emissions from on-road

motor vehicles (EMFAC). Staff passed an examination to receive GHG verifier recertification from the ARB, good for an additional three-year term.

Climate Protection Program

Staff presented the final *2017 Clean Air Plan; Spare the Air Cool the Climate*, EIR and Socioeconomic report to the Board. The Plan and EIR were adopted by the Board unanimously. Staff participated in the “Navigating the American Carbon World” conference, at which staff presented the 2017 Plan, moderated a panel, and staffed a table to answer questions about the 2017 Plan. Staff participated in MTC Plan Bay Area 2040 Open houses by showcasing the newly adopted 2017 Plan. Staff cohosted a webinar with MTC staff showcasing the launch of the Vehicle Miles Traveled (VMT) Data Portal, which provides valuable GHG information to local governments in support of their climate action plans. Staff met with PG&E staff to discuss implementation of the Clean Air Plan and areas of potential collaboration. Staff hosted a meeting with City of San Francisco Department of Environment staff to discuss possible areas of future collaboration on climate programs. Staff met with representatives from Community Choice Energy programs from around the region to discuss how the Air District can support and expand these programs. Staff attended the “Business of Local Energy Symposium: Leveraging the Local Benefits of Community Choice”. Staff met with local government climate action staff to discuss how the Air District can assist in providing data for local GHG emission inventories. Staff presented on the Bay Area Model Solar Ordinance Project at ABAG’s Bay Area Regional Energy Network (BayREN) Forum, *Local Mandatory Solar Ordinance as a Pathway for New Residential ZNE Construction*. Staff organized a Brownbag at Beale lunch seminar on the results of the Air District funded airborne methane emissions estimation study. Staff presented at the National Academy of Sciences Committee meeting on Anthropogenic Methane Emissions in the US: *Improving Measurement, Monitoring, Presentation of Results, and Development of Inventories*. Staff worked with Rule Development staff to develop a summary of the Air District’s methane measurement program to support the development of the Basin-wide Methane Strategy. Staff met with rule development staff from the South Coast AQMD to share information on the Basin-wide Methane Strategy and discuss their development of a Natural Gas Underground Storage rule.

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

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

- **Charge!--Electric Vehicle Charging Station Program** – Up to \$5 million is available to public and non-public entities that deploy new, qualifying electric vehicle charging stations at transportation corridors, workplaces, multi-family-unit dwellings, park and rides, and key destinations. Applications are being accepted on a first-come,

first served basis until November 3, 2017, or until funds are exhausted. www.baaqmd.gov/charge

- **Carl Moyer Program** – Up to \$10 million is available for projects that upgrade or replace eligible diesel equipment, including on-road trucks, off-road equipment, marine engines, agricultural equipment, locomotives, and electric charging and alternative fueling infrastructure. Applications will be accepted on a first-come, first-served basis until all funds are awarded beginning late Summer 2017. 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 will be accepted on a first-come, first served basis until all funds are awarded beginning late Summer 2017. www.baaqmd.gov/lesbp
- **Existing Shuttle and Feeder Bus Services and Regional Ridesharing Services Program** – Up to \$4 million is available for public entities to support existing shuttle and feeder bus services that provide short-distance connection between a mass transit hub and one or more commercial hubs or employment centers, as well as to existing regional ridesharing services that provide carpool, vanpool, and other rideshare services. The application submittal deadline is September 11th, 2017 <http://www.baaqmd.gov/grant-funding/public-agencies/shuttles-and-rideshare>
- **Coming soon! Light- and Heavy-Duty Zero-Emissions Vehicles** – Funding will be available to public and non-public entities who purchase qualifying new zero-emissions heavy-duty trucks and buses and three or more qualifying new zero-emissions light-duty cars and trucks. www.baaqmd.gov/HDZEV

Carl Moyer Program (CMP)

- Staff participated in the following meetings:
 - CAPCOA discussion on grant reimbursement procedures, 4/6.
 - ARB conference call about Year 19 multi-district funding, 4/6.
 - CAPCOA Grants Committee statewide conference calls, 4/12 & 6/14.
 - Staff met with contractors to redesign the CMP online application system in preparation for the Year 19 cycle, weekly 5/3-7/19.
 - Staff of CMP and LESBP met jointly to discuss incorporation of school bus projects into CMP, 5/8.
 - Staff participated in a conference call with ARB and other air districts about the recently approved CMP guidelines, 5/25.
 - Staff presented information about grant opportunities at three ARB regulatory training sessions (about 80 attendees), San Ramon, 6/7.
 - CAPCOA Tactical Team statewide conference calls, 6/8 & 6/22.

- Staff conducted a series of vendor webinar trainings (over 40 attendees), 6/8, 6/20 & 7/14.
- Staff received case-by-case approval from ARB to proceed with the ACE passenger locomotive project, 4/13.
- Staff submitted a grant disbursement request to ARB for \$1,145,672, to initiate administration of the Year 19 funding cycle, 5/1.
- Staff received project repayment of \$7,316 from Cal Rock Transport, Inc. for not completing the requirements of their CMP Year 10 project, 5/5.
- Staff closed the Year 18 application cycle early due to funds being fully-obligated, 5/15.
- Staff received the fully executed Grant Agreement from ARB for the implementation of the CMP Year 19 solicitation, 5/23.

Goods Movement Program (GMP):

- Staff conducted outreach for the third solicitation of the Year 5 Program, 4/3-6/30.
- Staff submitted semi-annual reports for Year 2 through Year 5 programs to ARB, 4/13.
- Staff sent over 17,000 mailings to owners of diesel-fueled equipment in the Bay Area about upcoming application deadlines for the Year 5 funding cycle, 5/10.
- Staff attended the following meetings:
 - Advanced Clean Transportation (ACT) Expo in Long Beach, 5/1 – 5/3.
 - Trucker Working Group meeting at the Port of Oakland to provide updates on the GMP funds that are currently available, 5/15.
 - Statewide conference call with ARB and other air districts about the Year 5 program, 5/17.
 - GMP and TFCA staff met with representatives of Motiv Power Systems, 5/30.
- Staff received \$84,745 from ARB for Year 5 TRU and cargo-handling equipment project funds, 5/24.
- The third locomotive solicitation closed: the program received applications for three switcher locomotive replacements, 5/31.
- The program closed its third solicitation for trucks, cargo-handling equipment, and TRU projects, receiving applications for the replacement of 249 trucks, 11 lifts, 19 yard goats, and 16 TRUs, along with 6 applications for electric charging infrastructure, 6/30.

Lower Emission School Bus Program (LESBP)

- Staff executed contracts totaling \$456,127, with three school districts to replace two buses and to replace CNG tanks on 10 buses (Santa Clara & Solano Counties).
- Staff completed payment of \$99,458 to replace CNG tanks on five buses (Santa Clara County).

Grants Development:

- **EFMP Plus-up:**
 - Staff held a conference call with ARB and SCAQMD to discuss the use of the EFMP Plus-up on-line system being developed by SCAQMD for the Air District's program, 4/6.
 - Staff submitted a revised draft of our proposed EFMP Plus-up Plan to ARB, 4/19.
 - Staff held a conference call with ARB representatives to discuss revisions to the Air District's EFMP Plus-up Plan, 5/11.
 - Staff participated in ARB's monthly EFMP Plus-up Program conference call with SCAQMD, SMAQMD, and SDAPCD staff, 5/18.
- **Goodwill Electric Truck Project:**
 - Media event was held for project and attended by Air District, ARB, Goodwill, and BYD, 4/7.
 - Project kick-off meeting held with Air District partners, Goodwill, ARB, BYD, and CTE, 4/7.
 - Staff held a monthly meeting with ARB and project partners to discuss progress with the Goodwill Electric Truck Project, 5/10.
- **ARB Car-sharing/Mobility Solicitation:**
 - Staff met with A3Ventures representatives on 4/5, and held conference calls with A3Ventures to discuss partnering on the ARB car-sharing/mobility project solicitations, 4/7, 4/26, 5/9.
 - Staff met with MTC staff to explore potential projects and which agency would be the lead for a Bay Area proposal, 4/19.
 - Staff held a conference call with a CTE representative to discuss partnering on a proposal, 4/25.
 - Staff held a meeting with A3 Ventures and Ample representatives to explore technologies and potential proposals, 4/26.
 - Staff held a conference call with A3Ventures and TransForm representatives to discuss incorporating outreach and education into the Air District's and MTC's proposals to ARB, 5/16.
 - Staff worked with A3Ventures to submit a proposal to deploy 250 hydrogen fuel cell carshare vehicles in San Jose disadvantaged communities, 5/22.
- **ARB On-Road Advanced Technology Demonstration Projects:**
 - Staff held a conference call with a Nel Hydrogen representative to discuss projects to provide hydrogen fuel for heavy-duty vehicles, 5/24.
 - Staff participated in a conference call with SCAQMD, SJVUAPCD SDAPCD, SDG&E regarding establishing a partnership to prepare a proposal, 5/31.
 - Staff met with CTE and Lawrence Livermore National Labs representatives to discuss partnering on a proposal, 6/2.
 - Staff held a conference call with EDI representative to discuss partnering on a proposal that included Freightliner Trucks and Loop Energy, 6/8.

- **Other Grant Development Activities:**
 - Staff held a conference call with WAVE technology representatives to discuss partnering on an upcoming ARB solicitation for Port of Oakland project, 4/7.
 - Staff met with Ample Technology representative to discuss partnering on open ARB and CEC car-sharing/mobility project solicitations, 4/13.
 - Staff held conference call with Thor Electric Trucks to learn about their products and discuss partnering on upcoming solicitations, 4/18.
 - Staff submitted an AdHoc request to DMV for data to support the Vehicle Buy Back and Goods Movement Program, 5/1.
 - Staff drafted a letter for the APCO's signature addressed to the US-EPA Administrator to request the EPA accelerate rulemaking for Tier 5 locomotive standards, 5/1.
 - Staff participated in an EPA webinar on the 2017 Clean Diesel Funding Assistance Program, 5/2.
 - Staff met with CEC representatives to discuss a solicitation to develop two 1,000 kg/day, 100% renewable hydrogen production facilities in California, 5/5.
 - Staff participated in an ARB public roundtable to discuss SB 350 and Overcoming Barriers to Clean Transportation Access for Low-Income Residents, 5/8.
 - Staff met with representatives of PG&E and the DOE-funded, zero-emission Bluebird battery electric bus project to discuss funding project shortfalls and infrastructure, 5/8.
 - Staff held a conference call with SCAQMD staff to discuss the payment schedule for the Zero-emission Drayage Truck Project, 5/25.

Transportation Fund for Clean Air (TFCA)

County Program Manager Fund

- Staff attended the April Bay Area CMA Directors Monthly Meeting, 4/28.
- FYE 2017 Amendments: All nine County Program Managers were sent amendments to their FYE 2017 Funding Agreements. This amendment increases their allowable administrative cost to 6.25%, from 5%, 6/27.

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

- **Plug-in Electric Vehicle (PEV) Program:** Applications are being accepted for the 2017 *Charge!* Program. The deadline to submit applications has been extended to November 3, 2017. To date, 22 applications have been received totaling \$1.7 million in funds requested.
 - Staff attended a PEV Charger opening ceremony in San Jose, 4/9.
 - Staff held a teleconference with representatives from ARB to discuss Low Carbon Fuel Standard credits for the District's PEV programs, 4/19.

- Staff attended the 4th Annual Northern California AltCar Conference in Oakland and presented information about Air District funding and grant opportunities, 5/11.
- Staff attended the bi-weekly status update meeting for the AC Transit Fuel Cell Electric Bus Project, 6/9.
- Staff and representatives from MTC and Kearns and West hosted the 2nd EV Council Meeting this year, 6/8.
- Staff met with representatives from MTC and Kearns and West to plan for EV Council and Steering Committee meetings, 4/4, 4/18, 5/1, 5/16, 5/30 & 6/13.
- Staff presented information on the 2017 *Charge!* Program to a meeting of Facility Managers in Palo Alto, 6/14.
- Staff hosted 4 pre-application workshops for the 2017 *Charge!* Program to discuss the program requirements, application process, and evaluation criteria. These workshops were attended by 120 people, 4/12, 4/26, 5/9 & 6/15.
- **Trip Reduction Program:** The submittal deadline for 2017 Bicycle Facilities Grant Program applications was June 26, 2017. Staff is currently reviewing the 15 applications received. These applications are requesting an estimated \$3 million.
 - Staff hosted five pre-application webinars for the FYE 2017 Bikeways Program, with a combined total of 73 attendees, to discuss the program requirements, application process, and evaluation criteria, 5/3, 5/11, 5/23, 6/15 & 6/21.
 - Staff teleconferenced with representatives from the Alameda County Transportation Commission to discuss potential funding for a Student Transit Pass project, 4/12.
 - Staff attended the Transportation Demand Management working group meeting to discuss overall trip reduction strategies for the region, 4/20.

Wood Smoke Reduction Incentive Program:

- To date, staff has reviewed more than 2,900 applications. Of these, 1,320 are active (in progress) and/or have been completed and paid, and total \$2.6 million. Approximately \$1.5 million has been awarded to homeowners that meet one or more Highly Impacted Residence criteria.
- Staff teleconferenced with representatives from Trinity to discuss improvements and upgrades to the online system, 4/6.
- Staff teleconferenced with representatives from Marin County to discuss the Program status, 4/11.
- Staff attended a conference call with the CAPCOA to discuss the Statewide Wood Smoke Reduction Program, 4/18.

General Outreach and Other Meetings:

- Staff presented information about SID funding and grant opportunities to the Sonoma County Spare the Air Resource team, 4/14.
- Staff attended the Contra Costa Transportation Authority (CCTA) Share Autonomous Vehicle (SAV) project stakeholders monthly meeting, Walnut Creek, 4/27 & 5/25.
- Staff attended the ACT Expo conference in Long Beach, CA, 5/1-5/4.

- Staff presented information about Air District funding and grant opportunities to the Santa Clara Spare the Air Resource Team, 5/2.
- Staff presented information about Air District funding and grant opportunities to the Contra Costa County Spare the Air Resource Team, 5/25.
- Staff met with representatives from PG&E to discuss coordination on implementing the 2017 Clean Air Plan, 5/31.
- Staff attended a teleconference call with the U.S. Department of Energy and various California agencies to discuss collaboration on hydrogen fueling projects, 6/5.
- Staff presented information on the Air District's grant programs to the Southern Alameda Spare the Air Resource Team, 6/29.

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

Air Quality

During the 2nd quarter of 2017, there were no exceedances of the national 8-hour 70 ppb ozone standard. Five Spare the Air Alerts were called (May 3, May 22, June 18, June 22, and June 23). On June 18, light winds and strong high pressure caused San Francisco to reach 97°F, while inland temperatures were around 105°F. However, afternoon vertical mixing was better than anticipated, preventing an exceedance. The remaining four days saw inland temperatures in the upper-90s to low-100s. However, strong afternoon sea breezes kept ozone concentrations below the national standard.

Air Monitoring

Thirty-three air monitoring sites were operational from April through June 2017. The new Pittsburg Special Purpose Monitoring (SPM) site, measuring black carbon (BC) and air toxics was brought online at the end of the quarter. Instrumentation is being installed at the I-580 Near Roadway site in Pleasanton and is expected to come online during the 3rd quarter of 2017.

The Air Monitoring Section continued to work with UC Berkeley on a project involving the collocation of small black carbon sensors with Air District operated black carbon samplers at the Laney College and West Oakland sites and added a new collocation of these sensors at the Bethel Island site.

A recruitment to fill a new Senior Air Quality Instrument Specialist position associated with community monitoring was completed with the internal promotion of Ila Perkins. A recruitment for two Senior Air Quality Instrument Specialist positions also associated with community monitoring began and will continue into the 3rd quarter.

Performance Evaluation

The Performance Evaluation Section conducted EPA-mandated performance audits at 28 Air District air monitoring stations, verifying 82 separate parameters during the 2nd Quarter of 2017. The National Air Quality System Database was updated with all audit results.

Ground-Level Monitoring (GLM) audits of Hydrogen Sulfide (H₂S) and Sulfur Dioxide (SO₂) analyzers were conducted near the Shell and Phillips 66 Refineries. Audits were performed at 9 GLM locations, and 14 gas analyzers were tested. All of the GLM gas analyzers tested met Air District's performance audit criteria.

Performance Evaluation staff identified deficiencies at two air monitoring stations which were addressed.

Performance Evaluation staff provided training, maintenance and calibration support to the Air Monitoring Section and assisted representatives at the UC San Francisco Human Exposure Laboratory with the installation of an analyzer.

Laboratory

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

In addition to routine, ongoing analyses, the laboratory performed 23 analyses in support of various Compliance and Enforcement and Source Test efforts.

Rule Development Program

Regulation 12, Rule 16: Petroleum Refining Facility-Wide Emissions Limits:

At the July 20, 2016 meeting, the Board of Directors directed staff to develop regulatory language that represents a proposal by CBE and associated organizations to limit emissions from petroleum refining facilities and three support facilities using specific numeric limits on GHG, particulate matter (PM), oxides of nitrogen (NO_x) and sulfur dioxide (SO₂) at defined historic levels. Staff worked closely with CBE and their associates to define the proposal and develop appropriately representative language. A final proposed version of Rule 12-16 was published on March 24, 2017 along with the final draft staff report, socioeconomic analysis and a draft Environmental Impact Report covering both Rule 12-16 and Rule 11-18. The staff reviewed, evaluated and responded to over 1,000 pages of public comment on the package. The final package with responses to comments was brought to the Board for review on May 31, 2017.

At the May 31, 2017, Board meeting, staff recommended that Rule 12-16 be modified to focus on capping GHG emissions. This change removed most of the costs and possible

negative environmental impacts of the Rule. It was designed to also improve the legal defensibility of the Rule. After hearing over 200 public comments, the Board concurred with the staff's recommendation and directed that a revised Rule 12-16 be brought back for consideration that incorporated staff's recommendations on June 21, 2016.

At the May 31, 2017, Board meeting, there was concern expressed that there had been numerous changes to the proposal and that adequate time for review of the various changes was not provided. As a result, the final hearing for Rule 12-16 was postponed to a later date. Staff have nearly finalized the language of the rule and updated the supporting documents.

Legislation proposed during this period would remove the Air District's authority to reduce carbon dioxide emissions at refineries and other sources subject to Cap-and-Trade. Staff is monitoring the legislation. The bill (AB 398) was approved by the Legislature on July 17, 2017. As a result, the rule is currently on hold.

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

Air District staff is developing a rule that would significantly reduce toxic emissions from sources such as refineries, foundries and crematories. Staff is considering exempting stationary diesel generators and gasoline dispensing facilities from the rule. These sources are more effectively addressed through more specific rulemaking. Rule 11-18 would apply to all other facilities whose emissions of toxic air contaminants may result in a significant risk to nearby residents and workers. The purpose of Rule 11-18 is to set toxic air contaminant caps for those facilities causing the highest health impacts across the Bay Area, including refineries, and to require these facilities to reduce that health risk.

Staff is planning to de-couple the schedule for Rule 11-18 from Rule 12-16. More time is required to address concerns from a wide variety of stakeholders including hospitals and Clean Water Agencies. Staff will bring Rule 11-18 to the Board for consideration in November of 2017.

Regulation 13, Rule 1: Refinery Carbon Intensity Limits:

Refineries are the largest stationary sources of combustion emissions in the Air District. When fossil fuels are burned, they generate greenhouse gases (GHG) and criteria pollutants such as particulate matter (PM), nitrogen dioxide (NO_x), and sulfur dioxide (SO₂). Combustion emissions from refineries will need to be addressed in order to attain and maintain ambient air quality standards and to meet Air District and statewide goals for reducing GHG emissions. Regulation 13, Rule 1 would serve as the initial step to limit and reduce combustion emissions in the Bay Area and would focus on refineries.

Given the Board's direction on May 31st to focus Rule 12-16 on capping refinery GHG emissions, Staff is moving resources toward the statewide goal to reduce carbon intensity of refining by 20%, embodied in the current draft of ARB's Scoping Plan. This is a much

more ambitious goal than the cap on carbon intensity envisioned by earlier versions of the rule. It would be beneficial for emissions reductions and economic vitality for this goal to be pursued on a statewide, rather than regional level. As a result, work on Rule 13-1 will continue as part of the Air District's efforts to support ARB in their efforts to reduce CO₂ emissions state-wide.

It is unclear whether AB 398 also would prohibit the Air District from using energy efficiency as a method for achieving reductions in non-CO₂ combustion pollutants. Rule 13-1 is also on hold until this issue is resolved. The rule may need to be significantly restructured to avoid the use of CO₂ as a method for quantifying energy usage.

Other Proposed Rules/Rule Amendments:

Air District staff is developing a package of particulate matter reduction rules to address sources such as dust from construction and materials handling, asphalt operations and storage and transport of coke, coal and other bulk materials. The rules are currently scheduled to be brought to the board for consideration in early 2017.

Additional rule development tasks are also being identified and scheduled for 2017 and 2018 for Executive Management review and input.

Other Climate Rulemaking:

Work has also begun on new rules addressing key Bay Area sources of greenhouse gases. One rule would be a general prohibition on excessive methane leaks. Staff is also working on a rule to reduce methane, air toxics and other organic emissions from oil and natural gas production facilities. This rule will be more stringent than the rule recently proposed by the Air Resources Board. In addition, staff are working with the Air Resources Board and the California Public Utility Commission (CPUC) on their rulemaking designed to reduce methane leaks from the natural gas distribution network. Staff is also developing a strategy to address methane emissions from waste processing facilities. This suite of rules will address landfills, composting facilities and Publicly Owned Treatment Works (POTWs). Staff continues to work with the Air Resources Board as they develop their Scoping Plan, outlining a state-wide path forward to deal with climate change.

Source Test

The Source Test Section continued to provide support formulating new methodology for evaluation of Heavy Liquid Service leaks and continued support of the study of Heavy Liquid Service from refinery component leaks.

Nineteen Regulation 9, Rule 10 carbon monoxide (CO) source tests were done by the Air District's Continuous Emissions Monitoring (CEM) group: three at Phillips 66, eight at Chevron, and eight at Tesoro.

Source Test staff worked with Compliance & Enforcement and Engineering to revise document language regarding recommendations for further evaluation.

Source Test staff initiated preliminary planning phases of a Quality Assurance Project Plan (QAPP) for the Source Test Section.

Source Test staff initiated reorganization and training tasks in preparation for upcoming 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.

STATISTICS

Administrative Services:

Accounting/Purchasing/Comm.

General Checks Issued	1,561
Purchase Orders Issued	555
Checks/Credit Cards Processed	4,620
Contracts Completed	87
RFP's	4

Executive Office:

Meetings Attended	215
Board Meetings Held	5
Committee Meetings Held	6
Advisory Council Meetings Held	1
Hearing Board Meetings Held	3
Variations Received	0

Information Systems

New Installation Completed	18
PC Upgrades Completed	0
Service Calls Completed	824

Human Resources

Manager/Employee Consultation (Hrs.)	350
Management Projects (Hrs.)	400
Employee/Benefit Transaction	500
Training Sessions Conducted	14
Applications Processed	274
Exams Conducted	7
New Hires	15
Promotions	5
Payroll Administration (Hrs.)	600
Safety Administration	150
Inquiries	4,000

Facility/Vehicle

Request for Facility Service	30
Vehicle Request(s)/Maintenance	7

Compliance Assistance and Operations Program

Asbestos Plans Received	1,861
Coating and other Petitions Evaluated	8
Open Burn Notifications Received	202
Prescribed Burn Plans Evaluate	6
Tank/Soil Removal Notifications Received	18
Compliance Assistance Inquiries Received	9
Green Business Reviews	1
Refinery Flare Notifications	9

Compliance Assurance Program

Industrial Inspections Conducted	2,358
Gas Station Inspections Conducted	328
Asbestos Inspections Conducted	630
Open Burning Inspections Conducted	41
PERP Inspections Conducted	21
Mobile Source Inspections	772
Grants Inspections Conducted	213

Engineering Division:

Annual Update Packages Completed	795
New Applications Received	304
Authorities to Construct Issued	157
Permits to Operate Issued	258
Exemptions	2
New Facilities Added	143
Registrations (new)	41

Communications and Public Information:

Responses to Media Inquiries	124
Events staffed with Air District Booth	13

Community Engagement:

Presentations Made	21
Visitors and Air District Tours	5

STATISTICS (CONTINUED)

Compliance and Enforcement Division:**Enforcement Program**

Violations Resulting in Notices of Violations	292
Violations Resulting in Notice to Comply	21
New Hearing Board Cases Reviewed	2
Reportable Compliance Activity Investigated	102
General Complaints Investigated	1,036
Woodsmoke Complaints Received	137
Mobile Source Violations	20

Laboratory

Sample Analyzed	1,224
Inter- Laboratory Analyses	2

Technical Library

Titles Indexed/Cataloged	0
Periodicals Received/Routed	0

Source Test

Cargo Tank Tests Performed	35
Total Source Tests	43
Pending Source Tests	3
Violation Notices Recommended	9
Contractor Source Tests reviewed	4,475
Outside Test Observed	33
Violation Notices Recommended After Review	8

Meteorology Measurements & Rules:**2ND Quarter 2017 Ambient Air Monitoring**

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

Continuous Emissions Monitoring (CEM)

Indicated Excess Emission Report Eval.	19
Monthly CEM Reports Reviewed	116
Indicated Excesses from CEM	52
Field Accuracy Tests Performed	46

Ozone Totals, Year to Date 2017

Days Exceeding State 1-hour Ozone Std.	0
Days Exceeding Nat'l 8-hour Ozone Std.	0
Days Exceeding State 8-hour Ozone Std.	0

Particulate Totals, Year to Date 2017

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

Ground Level Monitoring (GLM)

April - June Ground Level Monitoring SO ₂ Excess Reports	0
April - June Ground Level Monitoring H ₂ S Excess Reports	4

PM_{2.5} Winter Season Totals for 2017-2018

Days Exceeding Nat'l 24-hour PM _{2.5} Std.	0
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2nd Quarter 2017 Agricultural Burn Days

April - June Permissive Burn Days – North	70
April - June No-Burn Days – North	21
April – June Permissive Burn Days – South	68
April – June No-Burn Days – South	23
April - June Permissive Burn Days – Coastal	61
April – June No Burn Days – Coastal	30

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

Alameda County				
Status Date	Site #	Site Name	City	Regulation Title
4/19/2017	Y8499	MFD	San Leandro	Demolition, Renovation and Removal
4/19/2017	Y8499	MFD	San Leandro	Waste Disposal
5/25/2017	Y8031	COM	Oakland	Asbestos Containing Waste Disposal
5/25/2017	Y8031	COM	Oakland	Owner or Operator of Asbestos Waste
4/17/2017	Y8497	Ryan Taylor	Castro Valley	Asbestos; Written Plan or Notification
6/13/2017	A5076	Elegant Cleaners Inc	Alameda	Administrative Requirements; Registration
5/11/2017	B1596	Berkeley Farms Inc	Hayward	Authority to Construct
4/7/2017	Y7759	Vikram Enterprises Inc.	Pleasanton	Authority to Construct
6/1/2017	A8890	Valleycare Medical Center	Pleasanton	Authority to Construct
5/5/2017	B1596	Berkeley Farms Inc	Hayward	Permit to Operate
5/11/2017	B1596	Berkeley Farms Inc	Hayward	Permit to Operate
4/7/2017	Y7759	Vikram Enterprises Inc.	Pleasanton	Permit to Operate
4/12/2017	Y8776	Tennyson Valero	Hayward	Failure to Meet Permit Conditions
6/15/2017	E1125	Membrane Technology & Research, Inc	Newark	Failure to Meet Permit Conditions
4/13/2017	Y8485	A-Para Transit	San Leandro	Failure to Meet Permit Conditions
Contra Costa County				
Status Date	Site #	Site Name	City	Regulation Title
6/15/2017	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
6/15/2017	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
6/7/2017	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
6/5/2017	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
6/5/2017	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
6/5/2017	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
6/15/2017	A0010	Chevron Products Company	Richmond	Standards for New Stationary Sources
4/7/2017	Y8452	SFD	Orinda	Asbestos; Written Plan or Notification
6/7/2017	A0010	Chevron Products Company	Richmond	Public Nuisance
6/7/2017	A0010	Chevron Products Company	Richmond	Public Nuisance
6/15/2017	Y8511	Yamuna Spirit @ Phillips 66 Refinery Wharf	Rodeo	Public Nuisance
5/5/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Accuracy of Continuous Emission Monitoring
5/5/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Accuracy of Continuous Emission Monitoring
5/24/2017	B7419	Air Liquide Large Industries US LP	Rodeo	Reporting Monthly Data
6/15/2017	A0010	Chevron Products Company	Richmond	Parametric Monitoring
6/15/2017	A0010	Chevron Products Company	Richmond	Parametric Monitoring
4/6/2017	B1302	Bridgehead Marine Services	Antioch	Permit to Operate
5/4/2017	Y7923	Moraga Valero Gas	Moraga	Permit to Operate
5/2/2017	Y7960	Mercedes Benz of Walnut Creek	Walnut Creek	Permit to Operate
4/12/2017	A0072	Chevron Inc (Americas OE/HES)	Richmond	Failure to Meet Permit Conditions
4/13/2017	A0031	Dow Chemical Company	Pittsburg	Non-Compliance; Major Facility Review
4/21/2017	A2371	USS-POSCO Industries	Pittsburg	Non-Compliance; Major Facility Review
6/15/2017	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
6/7/2017	A0010	Chevron Products Company	Richmond	Non-Compliance; Major Facility Review
5/24/2017	B7419	Air Liquide Large Industries US LP	Rodeo	Non-Compliance; Major Facility Review
5/24/2017	B7419	Air Liquide Large Industries US LP	Rodeo	Non-Compliance; Major Facility Review
5/11/2017	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Non-Compliance; Major Facility Review
6/21/2017	Y8453	Gilbert Ruiz	Oakley	Prohibition of Fires; Igniting

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

Contra Costa County				
Status Date	Site #	Site Name	City	Regulation Title
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Opacity Limitation
5/25/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Equipment Leaks; General
4/6/2017	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Open-Ended Valve or Line
6/21/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Gasoline Cargo Tank Requirements
6/21/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Gasoline Cargo Tank Requirements
6/21/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Gasoline Cargo Tank Requirements
4/5/2017	A0057	Richmond Products Terminal	Richmond	Gasoline Cargo Tank Requirements
6/16/2017	B1956	Equilon Enterprises LLC	Martinez	Gasoline Bulk Terminal Emission Limitations
5/4/2017	A0581	ST Shore Terminals LLC	Crockett	Approved Emission Control System; Gas Tight
5/4/2017	A0581	ST Shore Terminals LLC	Crockett	Approved Emission Control System; Gas Tight
5/11/2017	A4022	SFPP, L P	Concord	Floating Roof Tank Fitting Requirements
5/8/2017	A0011	Shell Martinez Refinery	Martinez	Emission Limitations for Sulfur Recovery Plants
5/5/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Limitations on Hydrogen Sulfide
5/5/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	Limitations on Hydrogen Sulfide
6/7/2017	A0010	Chevron Products Company	Richmond	Limitations on Hydrogen Sulfide
6/7/2017	A0010	Chevron Products Company	Richmond	Limitations on Hydrogen Sulfide
5/4/2017	B0742	John Muir Medical Center	Walnut Creek	Initial Demonstration of Compliance
4/27/2017	B0742	John Muir Medical Center	Walnut Creek	Initial Demonstration of Compliance
5/4/2017	B0742	John Muir Medical Center	Walnut Creek	Periodic Testing
4/27/2017	B0742	John Muir Medical Center	Walnut Creek	Periodic Testing
5/5/2017	B2758	Tesoro Refining & Marketing Company LLC	Martinez	
Marin County				
Status Date	Site #	Site Name	City	Regulation Title
5/31/2017	Y8163	Cibo of Sausalito	Sausalito	Authority to Construct
5/31/2017	Y8163	Cibo of Sausalito	Sausalito	Permit to Operate
5/31/2017	Y8163	Cibo of Sausalito	Sausalito	Permit to Operate
5/9/2017	Y8562	Bolinas Fire Department	Bolinas	Failure to Meet Permit Conditions
5/3/2017	C0530	North Marin Water Dist ATTN: Rob Clark	Novato	Failure to Meet Permit Conditions
4/11/2017	Y8356	Indian Valley Golf Club	Novato	Failure to Meet Permit Conditions
4/27/2017	Y8142	Express- Chevron	San Rafael	Failure to Meet Permit Conditions
5/19/2017	Y8145	Grand Gas	Mill Valley	Phase I Requirements
6/20/2017	Y8636	San Rafael Valero	San Rafael	Phase II Requirements
4/11/2017	Y8356	Indian Valley Golf Club	Novato	Phase II Vapor Recovery Equipment

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

Napa County				
Status				
Date	Site #	Site Name	City	Regulation Title
4/18/2017	Y6914	P.W. Stephens Environment	Napa	Asbestos; Schedule Changes and Updates
4/6/2017	Y7229	Clos Pegase Winery	Calistoga	Open Burning Operation Fees
4/6/2017	Y7228	Neal Linda	Oakville	Open Burning Operation Fees
4/10/2017	Y7033	Rancho Otranto	Saint Helena	Open Burning; Prohibition of Fires
5/8/2017	Y8206	Markham Vineyards	Yountville	Open Burning; Prohibition of Fires
4/13/2017	Y7232	Atlas Vineyard Mgmt	Yountville	Open Burning; Prohibition of Fires
4/6/2017	Y7229	Clos Pegase Winery	Calistoga	Open Burning; Administrative Requirements
4/6/2017	Y7228	Neal Linda	Oakville	Open Burning; Administrative Requirements
San Francisco County				
Status				
Date	Site #	Site Name	City	Regulation Title
5/17/2017	Y8500	CND	San Francisco	Asbestos; Written Plan or Notification
5/26/2017	Y8450	SFD	San Francisco	Asbestos; Written Plan or Notification
4/4/2017	Y7397	MFD	San Francisco	Asbestos; Written Plan or Notification
4/4/2017	Y7396	MFD	San Francisco	Asbestos; Written Plan or Notification
San Mateo County				
Status				
Date	Site #	Site Name	City	Regulation Title
6/7/2017	Y5310	Meng Jen Lui	San Mateo	Administrative Requirements; Fees
4/6/2017	A3887	San Mateo Medical Center	San Mateo	Authority to Construct
4/6/2017	A3887	San Mateo Medical Center	San Mateo	Permit to Operate
4/3/2017	Y7921	Kwik Serv (Hazal, Inc.)	South San Francisco	Permit to Operate
5/3/2017	A4021	SFPP, LP	Brisbane	Non-Compliance; Major Facility Review
6/7/2017	Y5310	Meng Jen Lui	San Mateo	Asbestos Operation Fee
4/6/2017	A3887	San Mateo Medical Center	San Mateo	Initial Demonstration of Compliance
Santa Clara County				
Status				
Date	Site #	Site Name	City	Regulation Title
4/25/2017	C4501	Sunnyvale Shell Car Wash	Sunnyvale	Permit to Operate
6/2/2017	A0085	HGST, a Western Digital Company	San Jose	Failure to Meet Permit Conditions
4/13/2017	E1277	Zero Waste Energy Development Company, LLC	San Jose	Failure to Meet Permit Conditions
6/21/2017	E1277	Zero Waste Energy Development Company, LLC	San Jose	Failure to Meet Permit Conditions
4/28/2017	A0778	San Jose-Santa Clara Regional Wastewater Facility	San Jose	Failure to Meet Permit Conditions
5/2/2017	B1467	Vivid Inc	Santa Clara	Failure to Meet Permit Conditions
4/4/2017	Y8338	Sunnyvale Olympic	Sunnyvale	Failure to Meet Permit Conditions
5/22/2017	Y7648	D.B. Godfrey & N.J. Godfrey	Morgan Hill	Visible Emissions Limitation
4/27/2017	A2561	Shoreline Amphitheatre	Mountain View	Landfill Emission Control System Requirement

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

Solano County					
Status					
Date	Site #	Site Name	City	Regulation Title	
5/3/2017	Y5617	Puerto Vallarta Body	Vallejo	Authority to Construct	
5/3/2017	Y5617	Puerto Vallarta Body	Vallejo	Permit to Operate	
5/3/2017	Y8089	Chuy's Auto Body Shop	Vallejo	Permit to Operate	
5/23/2017	B2626	Valero Refining Company - California	Benicia	Non-Compliance; Major Facility Review	
4/24/2017	B2626	Valero Refining Company - California	Benicia	Non-Compliance; Major Facility Review	
5/23/2017	B2626	Valero Refining Company - California	Benicia	Non-Compliance; Major Facility Review	
4/24/2017	B2626	Valero Refining Company - California	Benicia	Opacity Limitation	
6/7/2017	B2611	Valero Refining Company	Benicia	Inspection of Liquid Fill Hose and Vapor Hose	
5/3/2017	Y5617	Puerto Vallarta Body	Vallejo	Organic Compounds; Filtration	
5/3/2017	Y8089	Chuy's Auto Body Shop	Vallejo	Monitoring and Records	
5/31/2017	B5574	NuStar Logistics, L P	Benicia	Requirements for External Floating Roof Tanks	
6/7/2017	B5574	NuStar Logistics, L P	Benicia	Primary Seal Requirements	
6/6/2017	A4429	NorthBay Medical Center	Fairfield	Initial Demonstration of Compliance	
6/6/2017	A4429	NorthBay Medical Center	Fairfield	Periodic Testing	
Sonoma County					
Status					
Date	Site #	Site Name	City	Regulation Title	
4/21/2017	Y8112	Kenwood Gas	Kenwood	Permit to Operate	
5/22/2017	D1184	McEvoy Ranch	Petaluma	Failure to Meet Permit Conditions	
4/5/2017	Y7742	Unocal #5406	Petaluma	Failure to Meet Permit Conditions	
5/1/2017	Y8655	W K McLellan Co.	Petaluma	Failure to Meet Permit Conditions	
4/4/2017	Y7760	Keith & Don's Flying A Gas	Santa Rosa	Failure to Meet Permit Conditions	
4/12/2017	A1403	City of Santa Rosa Wastewater Treatment	Santa Rosa	Non-Compliance; Major Facility Review	
4/24/2017	Y8220	SFD	Santa Rosa	Open Burning; Prohibition of Fires	
6/15/2017	Y8213	Josef J Pohl	Petaluma	Prohibition of Fires; Igniting	
6/15/2017	Y8213	Josef J Pohl	Petaluma	Prohibition of Fires; Permission Limitations	

Closed Notice of Violations with Penalties by County

April 1, 2017 – June 30, 2017

Alameda				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
76 Products Co.	L8340	Dublin	\$2,500	1
Bay Colors Auto Body	Y3771	Hayward	\$500	1
Beacon Gas Service	Y2652	Fremont	\$3,000	2
Belfor Environmental	Y5906	Hayward	\$750	1
City of Alameda Maintenance Serv Ctr	M9216	Alameda	\$500	1
East Bay Municipal Utility District	A0591	Oakland	\$17,700	4
Garden Cleaners	W7164	Alameda	\$4,200	1
Lido Auto Care Inc	V2209	Newark	\$19,500	1
Monterey Mechanical Co	J9661	Oakland	\$500	1
Oldcastle Precast (Pleasanton)	A3925	Pleasanton	\$500	1
Owens-Brockway Glass Container Inc	A0030	Oakland	\$28,000	4
P. W. Stephens Environmental, Inc.	L6230	Fremont	\$500	1
P. W. Stephens Environmental, Inc.	L6230	Fremont	\$4,000	1
P. W. Stephens Environmental, Inc.	L6230	Fremont	\$2,500	1
P.W. Stephens Environmental, Inc.	Y5159	Fremont	\$750	1
R&B Equipment, Inc	L4085	Hayward	\$500	1
Restec Contractors	L3618	Hayward	\$750	2
Restoration Management Company	R2288	Hayward	\$5,750	3
Synergy Enterprises	L3268	Hayward	\$3,500	3
			Total:	31

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

Contra Costa				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Chevron Inc (Americas OE/HES)	A0072	Richmond	\$12,000	2
Fashion Cleaners	X5694	Concord	\$1,500	1
Flex Oil	W6911	Martinez	\$2,500	1
Kimberly M. Foster	Y4752	Rodeo	Passed Wood Smoke Course	1
Martinez Car Wash	V2251	Martinez	\$19,500	1
SIMs Metal Management	Y6160	Richmond	\$3,500	1
USS-POSCO Industries	A2371	Pittsburg	\$5,000	1
			Total:	8
Marin				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Hurricane Hauling	P8444	San Rafael	\$375	1
			Total:	1
Napa				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Atlas Vineyard Mgmt	Y7231	Napa	\$125	1
Clos Pegase Winery	Y7229	Calistoga	\$400	2
Ehlers Estates	Y6582	Saint Helena	\$500	1
Grand Crew Vineyard Management	Y5621	Napa	\$750	1
Kelitam Vinetards	Y6588	Oakville	\$500	1

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

Napa				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Kenefick Ranch	Y5946	Calistoga	\$250	2
Neal Linda	Y7228	Oakville	\$500	2
Rancho Otranto	Y7033	Saint Helena	\$1,000	1
Robert Soper	Y4641	Angwin	Passed Wood Smoke Course	1
T+M Ag Services	Y6589	Calistoga	\$400	2
Valerie Stewart	Y6920	Angwin	\$200	1
Valley Auto Body	A7412	Napa	\$500	1
			Total:	16
San Francisco				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
A & G Auto Body	B3250	San Francisco	\$500	1
Blaze Fireplaces of No. Cal., Inc.	V4186	San Francisco	\$30,000	1
CPM Environmental, Inc	U6147	San Francisco	\$750	1
Mercy Housing California	E0555	San Francisco	\$500	1
The John Stewart Company	V4878	San Francisco	\$17,000	2
The John Stewart Company	V4878	San Francisco	\$15,000	1
			Total:	7
San Mateo				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
North Coast County Water Distict	Y7315	Pacifica	\$250	1
Reliance Construction	N4905	Burlingame	\$2,000	1
Timberline Engineering	Y6793	Burlingame	\$500	1
WaveDivision Holdings LLC	B4087	San Mateo	\$500	1
			Total:	4

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

Santa Clara				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Alliance Environmental Group, Inc.	Q8668	San Jose	\$250	1
Blossom Hill Gasoline	Y5188	San Jose	\$875	1
Chevron Products Company	A0049	San Jose	\$4,000	1
Chevron USA/Food Mart #0243	Y4414	Santa Clara	\$1,000	1
Donald Von Raesfeld Power Plant	B4991	Santa Clara	\$16,500	3
Kris Hamilton	Y4088	San Jose	\$125	1
Sunnyvale Car Wash - Bayside Chevron	Y2312	Sunnyvale	\$750	1
SV Demolition	X3767	San Jose	\$1,000	2
The Ultimate Kitchen Finish Inc	B9055	Campbell	\$250	1
Union 76 S/S R4287	G3527	San Jose	\$500	1
Unruh Bobcat Service	U2160	San Jose	\$750	1
Z-CON Specialty Services, Inc.	N7663	San Jose	\$2,500	1
			Total:	15
Solano				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
All Star Rents	Y7798	Fairfield	\$500	1
ARCO AM/ PM	Y6978 / Y6012	Fairfield	\$3,500	3
David's Spirit	Y6974	Fairfield	\$2,000	2
Fast & Easy Mart	V2630	Benicia	\$1,500	1
The Ideal Body Shop	A8720	Vallejo	\$250	1
Valero Benicia Asphalt Plant	A0901	Benicia	\$12,000	2
Valero Refining Company - California	B2626	Benicia	\$328,000	29
			Total:	39

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

Sonoma				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Advanced Tech Collision	B0115	Santa Rosa	\$1,000	1
Chris Nunez	Y5887	Windsor	\$500	1
City of Sebastopol	Y7311	Sebastopol	\$500	1
Mountanos Brothers Coffee Company	E1613	Petaluma	\$1,250	1
O'Connell Vineyards	Y6925	Sebastopol	\$375	1
Republic Services of Sonoma County, Inc	A2254	Petaluma	\$15,750	3
Resident	Y5460	Santa Rosa	Passed Wood Smoke Course	1
Sonoma County Transit	Y5962	Santa Rosa	\$500	1
Wilson Vineyards	Y1144	Windsor	\$25,000	1
			Total:	11
District Wide				
Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Sherwin-Williams Company	M2046	Cleveland	\$48,000	1
			Total:	1

Bay Area Air Quality Management District

Board of Directors

LIST OF ACRONYMS

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

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

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

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

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

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

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

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

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

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack Broadbent
Executive Officer/APCO

Date: September 20, 2017

Re: Consider Approving the Salary Schedules for Fiscal Year Ending June 30, 2018

RECOMMENDATION

The Board of Directors will consider approving the salary schedules for Fiscal Year Ending June 30, 2018.

BACKGROUND

At the meeting on August 2, 2017, the Board of Directors approved the successor Memorandum of Understanding (MOU) between the Bay Area Air Quality Management District (Air District) and the Bay Area Air Quality Management District Employees' Association (EA).

DISCUSSION

The MOU provides an annual cost of living adjustment each contract year, at a level which is not less than 1% and not more than 3.5%. The annual Consumer Price Index for Urban Wage Earners and Clerical Workers for San Francisco-Oakland-San Jose area for the preceding calendar year is 2.7%. Accordingly, the cost of living adjustment is 2.7% effective July 1, 2017.

The MOU also provides a one-time wage increase of 1.0% in recognition of the termination of the cash-back cafeteria plan benefit effective January 1, 2018.

The resolution and salary schedules are attached for approval.

BUDGET CONSIDERATION/FINANCIAL IMPACT

There is no budget impact beyond that already contemplated in the Fiscal Year Ending 2018 budget.

Respectfully Submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Judy Yu
Reviewed by: Rex Sanders

Attachment 9A: Resolution to Approve Salary Schedule for the Fiscal Year Ending June 30, 2018
Attachment 9B: Salary Schedule Effective July 1, 2017
Attachment 9C: Salary Schedule Effective January 1, 2018

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Resolution No. -

A Resolution to Approve the Salary Schedule for the Fiscal Year Ending June 30, 2018

WHEREAS, the Board of Directors established Salary Ranges and Classifications on June 10, 1962, pursuant to Resolution No. 270 and has from time to time amended those Salary Ranges and Classifications;

WHEREAS, the Air District Budget for FY 2017-2018 includes funds for Board of Director discretionary use in adjusting salaries and fringe benefits for Air District employees;

WHEREAS, the successor Memorandum of Understanding (the “MOU”) with the employees represented by the recognized employee organization Bay Area Air Quality Management District Employees Association (“EA”) is adopted by the Board of Directors at its meeting on August 2, 2017;

WHEREAS, the MOU provides a 2.7% wage increase effective July 1, 2017, and a 1.0% wage increase effective January 1, 2018;

WHEREAS, management employees and confidential employees are not represented by a recognized employee organization;

WHEREAS, the FY 2017-2018 salary schedules are attached hereto;

NOW, THEREFORE, BE IT FURTHER RESOLVED, that the Board of Directors approves the salary schedules attached hereto.

The foregoing resolution was duly and regularly introduced, passed and adopted at a regular meeting of the Board of Directors of the Bay Area Air Quality Management District on the Motion of Director _____, seconded by Director _____, on the _____ day of _____ 2017

by the following vote of the Board:

AYES:

NOES:

ABSENT:

LIZ KNISS
Chairperson of the Board of Directors

ATTEST:

KATIE RICE
Secretary of the Board of Directors

DRAFT

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
SALARY SCHEDULE FOR MANAGEMENT AND CONFIDENTIAL CLASSES**
Annually/Monthly/Bi-weekly/Hourly effective July 1, 2017

ID-JDE MANAGEMENT

Per Employment Agreement

1B101 Executive Officer/Air Pollution Control Officer	295738.83 24644.90 11374.57 142.18
1B102 Counsel	278269.31 23189.11 10702.67 133.78

ID-JDE MANAGEMENT

	Range	Step A	Step B	Step C	Step D	Step E
3M101 Air Monitoring Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M102 Air Quality Engineering Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M103 Air Quality Planning Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M104 Air Quality Program Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	13025.44 6011.74 75.15
8M101 Assistant Counsel I	149M	129516.80 10793.07 4981.42 62.27	135992.64 11332.72 5230.49 65.38	142792.27 11899.36 5492.01 68.65	149931.89 12494.32 5766.61 72.08	157428.48 13119.04 6054.94 75.69
7M101 Assistant Counsel II	153M	145274.63 12106.22 5587.49 69.84	152538.37 12711.53 5866.86 73.34	160165.28 13347.11 6160.20 77.00	168173.55 14014.46 6468.21 80.85	176582.23 14715.19 6791.62 84.90
3M121 Assistant Manager	147M	125493.69 10457.81 4826.68 60.33	131768.38 10980.70 5068.01 63.35	138356.80 11529.73 5321.42 66.52	145274.63 12106.22 5587.49 69.84	152538.37 12711.53 5866.86 73.34
3M117 Audit & Special Projects Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15

ID-JDE MANAGEMENT(CONTINUED)	Range	Step A	Step B	Step C	Step D	Step E
3M105 Business Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
2M111 Communications Officer	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
1M101 Deputy Air Pollution Control Officer	160M	172326.61 14360.55 6627.95 82.85	180942.94 15078.58 6959.34 86.99	189990.09 15832.51 7307.31 91.34	199489.59 16624.13 7672.68 95.91	209464.07 17455.34 8056.31 100.70
1M102 Deputy Executive Officer	169M	214636.80 17886.40 8255.26 103.19	225368.64 18780.72 8668.02 108.35	236637.07 19719.76 9101.43 113.77	248468.93 20705.74 9556.50 119.46	260892.37 21741.03 10034.32 125.43
2M110 Director/Officer	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
2M101 Director of Administration	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
2M102 Director of Enforcement	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
2M103 Director of Engineering	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
2M108 Director of Strategic Incentives	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
2M104 Director of Information Services	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
2M105 Director of Planning and Research	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
2M107 Director of Technical Services	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74

ID-JDE	MANAGEMENT(CONTINUED)	Range	Step A	Step B	Step C	Step D	Step E
3M119	Engineering Project Processing Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M113	Executive Operations Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M107	Finance Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M106	Fleet and Facilities Manager	134M	91388.48 7615.71 3514.94 43.94	95957.90 7996.49 3690.69 46.13	100755.80 8396.32 3875.22 48.44	105793.59 8816.13 4068.98 50.86	111083.27 9256.94 4272.43 53.41
2M110	Health Officer	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
3M118	Human Resources Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M108	Human Resources Officer	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
3M109	Information Systems Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
2M109	Information Technology Officer	156M	155273.39 12939.45 5972.05 74.65	163037.06 13586.42 6270.66 78.38	171188.92 14265.74 6584.19 82.30	179748.36 14979.03 6913.40 86.42	188735.78 15727.98 7259.07 90.74
3M110	Manager (Laboratory)	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M120	Manager	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15
3M115	Manager of Executive Operations	148M	128592.77 10716.06 4945.88 61.82	135022.41 11251.87 5193.17 64.91	141773.53 11814.46 5452.83 68.16	148862.20 12405.18 5725.47 71.57	156305.31 13025.44 6011.74 75.15

ID-JDE MANAGEMENT(CONTINUED)	Range	Step A	Step B	Step C	Step D	Step E
3M111 Meteorology and Data Analysis Manager	148M	128592.77	135022.41	141773.53	148862.20	156305.31
		10716.06	11251.87	11814.46	12405.18	13025.44
		4945.88	5193.17	5452.83	5725.47	6011.74
		61.82	64.91	68.16	71.57	75.15
3M112 Research and Modeling Manager	148M	128592.77	135022.41	141773.53	148862.20	156305.31
		10716.06	11251.87	11814.46	12405.18	13025.44
		4945.88	5193.17	5452.83	5725.47	6011.74
		61.82	64.91	68.16	71.57	75.15
6M101 Senior Assistant Counsel	157M	160165.28	168173.55	176582.23	185411.34	194681.90
		13347.11	14014.46	14715.19	15450.94	16223.49
		6160.20	6468.21	6791.62	7131.21	7487.77
		77.00	80.85	84.90	89.14	93.60
6M102 Senior Policy Advisor	148M	128592.77	135022.41	141773.53	148862.20	156305.31
		10716.06	11251.87	11814.46	12405.18	13025.44
		4945.88	5193.17	5452.83	5725.47	6011.74
		61.82	64.91	68.16	71.57	75.15
3M116 Strategic Facilities Planning Manager	148M	128592.77	135022.41	141773.53	148862.20	156305.31
		10716.06	11251.87	11814.46	12405.18	13025.44
		4945.88	5193.17	5452.83	5725.47	6011.74
		61.82	64.91	68.16	71.57	75.15

ID-JDE CONFIDENTIAL

	Range	Step A	Step B	Step C	Step D	Step E
7C007 Administrative Secretary (Confidential)	118	60053.71 5004.48 2309.76 28.87	63056.39 5254.70 2425.25 30.32	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09
5C101 Clerk of the Boards	132	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38
8C004 Executive Secretary I	128	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79
7C001 Executive Secretary II	132	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38
8C101 Human Resources Analyst I	130	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66	93163.01 8151.76 3583.19 44.79	97821.16 8559.35 3762.35 47.03
7C103 Human Resources Analyst II	134	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38	107847.83 8987.32 4147.99 51.85
8C001 Human Resources Technician I	122	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69
7C002 Human Resources Technician II	126	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66
7C003 Legal Office Services Specialist	124	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63
8C002 Legal Secretary I	116	57194.01 4766.17 2199.77 27.50	60053.71 5004.48 2309.76 28.87	63056.39 5254.70 2425.25 30.32	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42
7C004 Legal Secretary II	120	63056.39 5254.70 2425.25 30.32	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85
8C003 Office Assistant I (HR)	104	42679.05 3556.59 1641.50 20.52	44813.00 3734.42 1723.58 21.54	47053.65 3921.14 1809.76 22.62	49406.33 4117.19 1900.24 23.75	51876.65 4323.05 1995.26 24.94

ID-JDE CONFIDENTIAL(CONTINUED)

	Range	Step A	Step B	Step C	Step D	Step E
7C005 Office Assistant II (HR)	108	47053.65	49406.33	51876.65	54470.48	57194.01
		3921.14	4117.19	4323.05	4539.21	4766.17
		1809.76	1900.24	1995.26	2095.02	2199.77
		22.62	23.75	24.94	26.19	27.50
7C102 Paralegal	124	69519.67	72995.66	76645.44	80477.71	84501.60
		5793.31	6082.97	6387.12	6706.48	7041.80
		2673.83	2807.53	2947.90	3095.30	3250.06
		33.42	35.09	36.85	38.69	40.63
6C001 Senior Executive Secretary	134	88726.68	93163.01	97821.16	102712.22	107847.83
		7393.89	7763.58	8151.76	8559.35	8987.32
		3412.56	3583.19	3762.35	3950.47	4147.99
		42.66	44.79	47.03	49.38	51.85
5C102 Supervising Human Resources Analyst	142	107847.83	113240.22	118902.24	124847.35	131089.71
		8987.32	9436.69	9908.52	10403.95	10924.14
		4147.99	4355.39	4573.16	4801.82	5041.91
		51.85	54.44	57.16	60.02	63.02

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
SALARY SCHEDULE FOR TECHNICAL/GENERAL AND PROFESSIONAL EMPLOYEES
Effective July 1, 2017 per Memorandum of Understanding dated May 15, 2002

ID-JDE PROFESSIONAL	Range	Step A	Step B	Step C	Step D	Step E
7P001 Accountant I	123	67844.26 5653.69 2609.39 32.62	71236.47 5936.37 2739.86 34.25	74798.29 6233.19 2876.86 35.96	78538.21 6544.85 3020.70 37.76	82465.12 6872.09 3171.74 39.65
7P014 Accountant II	127	74798.29 6233.19 2876.86 35.96	78538.21 6544.85 3020.70 37.76	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71
7P002 Advanced Projects Advisor	144	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02	131089.71 10924.14 5041.91 63.02	137644.20 11470.35 5294.01 66.18
8P001 Air Quality Chemist I	127	74798.29 6233.19 2876.86 35.96	78538.21 6544.85 3020.70 37.76	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71
7P003 Air Quality Chemist II	131	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71	95463.68 7955.31 3671.68 45.90	100236.86 8353.07 3855.26 48.19
8P002 Air Quality Engineer I	132	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38
7P004 Air Quality Engineer II	136	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38	107847.83 8987.32 4147.99 51.85	113240.22 9436.69 4355.39 54.44
8P003 Air Quality Meteorologist I	131	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71	95463.68 7955.31 3671.68 45.90	100236.86 8353.07 3855.26 48.19
7P005 Air Quality Meteorologist II	135	90917.79 7576.48 3496.84 43.71	95463.68 7955.31 3671.68 45.90	100236.86 8353.07 3855.26 48.19	105248.71 8770.73 4048.03 50.60	110511.14 9209.26 4250.43 53.13
7P006 Atmospheric Modeler	140	102712.22 8559.35 3950.47 49.38	107847.83 8987.32 4147.99 51.85	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02
8P004 Environmental Planner I	130	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03

ID-JDE PROFESSIONAL(continued)	Range	Step A	Step B	Step C	Step D	Step E
7P007 Environmental Planner II	134	88726.68	93163.01	97821.16	102712.22	107847.83
		7393.89	7763.58	8151.76	8559.35	8987.32
		3412.56	3583.19	3762.35	3950.47	4147.99
		42.66	44.79	47.03	49.38	51.85
7P008 Legislative Analyst	138	97821.16	102712.22	107847.83	113240.22	118902.24
		8151.76	8559.35	8987.32	9436.69	9908.52
		3762.35	3950.47	4147.99	4355.39	4573.16
		47.03	49.38	51.85	54.44	57.16
7P009 Librarian	128	76645.44	80477.71	84501.60	88726.68	93163.01
		6387.12	6706.48	7041.80	7393.89	7763.58
		2947.90	3095.30	3250.06	3412.56	3583.19
		36.85	38.69	40.63	42.66	44.79
4P001 Principal Accountant	135	90917.79	95463.68	100236.86	105248.71	110511.14
		7576.48	7955.31	8353.07	8770.73	9209.26
		3496.84	3671.68	3855.26	4048.03	4250.43
		43.71	45.90	48.19	50.60	53.13
4P002 Principal Air and Meteorological Monitoring Specialist	143	110511.14	116036.70	121838.54	127930.46	134326.99
		9209.26	9669.73	10153.21	10660.87	11193.92
		4250.43	4462.95	4686.10	4920.40	5166.42
		53.13	55.79	58.58	61.51	64.58
4P005 Principal Air Quality Chemist	139	100236.86	105248.71	110511.14	116036.70	121838.54
		8353.07	8770.73	9209.26	9669.73	10153.21
		3855.26	4048.03	4250.43	4462.95	4686.10
		48.19	50.60	53.13	55.79	58.58
4P003 Principal Air Quality Engineer	144	113240.22	118902.24	124847.35	131089.71	137644.20
		9436.69	9908.52	10403.95	10924.14	11470.35
		4355.39	4573.16	4801.82	5041.91	5294.01
		54.44	57.16	60.02	63.02	66.18
4P004 Principal Environmental Planner	142	107847.83	113240.22	118902.24	124847.35	131089.71
		8987.32	9436.69	9908.52	10403.95	10924.14
		4147.99	4355.39	4573.16	4801.82	5041.91
		51.85	54.44	57.16	60.02	63.02
7P010 Research Analyst	130	80477.71	84501.60	88726.68	93163.01	97821.16
		6706.48	7041.80	7393.89	7763.58	8151.76
		3095.30	3250.06	3412.56	3583.19	3762.35
		38.69	40.63	42.66	44.79	47.03
6P001 Senior Advanced Projects Advisor	148	124847.35	131089.71	137644.20	144526.41	151752.73
		10403.95	10924.14	11470.35	12043.87	12646.06
		4801.82	5041.91	5294.01	5558.71	5836.64
		60.02	63.02	66.18	69.48	72.96
6P002 Senior Air Quality Chemist	135	90917.79	95463.68	100236.86	105248.71	110511.14
		7576.48	7955.31	8353.07	8770.73	9209.26
		3496.84	3671.68	3855.26	4048.03	4250.43
		43.71	45.90	48.19	50.60	53.13

ID-JDE PROFESSIONAL(continued)	Range	Step A	Step B	Step C	Step D	Step E
6P003 Senior Air Quality Engineer	140	102712.22 8559.35 3950.47 49.38	107847.83 8987.32 4147.99 51.85	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02
6P004 Senior Air Quality Meteorologist	139	100236.86 8353.07 3855.26 48.19	105248.71 8770.73 4048.03 50.60	110511.14 9209.26 4250.43 53.13	116036.70 9669.73 4462.95 55.79	121838.54 10153.21 4686.10 58.58
6P005 Senior Atmospheric Modeler	144	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02	131089.71 10924.14 5041.91 63.02	137644.20 11470.35 5294.01 66.18
6P006 Senior Environmental Planner	138	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38	107847.83 8987.32 4147.99 51.85	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16
7P011 Statistician	137	95463.68 7955.31 3671.68 45.90	100236.86 8353.07 3855.26 48.19	105248.71 8770.73 4048.03 50.60	110511.14 9209.26 4250.43 53.13	116036.70 9669.73 4462.95 55.79
5P001 Supervising Air Quality Engineer	144	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02	131089.71 10924.14 5041.91 63.02	137644.20 11470.35 5294.01 66.18
5P002 Supervising Air Quality Meteorologist	143	110511.14 9209.26 4250.43 53.13	116036.70 9669.73 4462.95 55.79	121838.54 10153.21 4686.10 58.58	127930.46 10660.87 4920.40 61.51	134326.99 11193.92 5166.42 64.58
5P003 Supervising Environmental Planner	142	107847.83 8987.32 4147.99 51.85	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02	131089.71 10924.14 5041.91 63.02
7P012 Toxicologist	144	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02	131089.71 10924.14 5041.91 63.02	137644.20 11470.35 5294.01 66.18

ID-JDE TECHNICAL/GENERAL	Range	Step A	Step B	Step C	Step D	Step E
8T001 Accounting Assistant I	106	44813.00 3734.42 1723.58 21.54	47053.65 3921.14 1809.76 22.62	49406.33 4117.19 1900.24 23.75	51876.65 4323.05 1995.26 24.94	54470.48 4539.21 2095.02 26.19
7T001 Accounting Assistant II	110	49406.33 4117.19 1900.24 23.75	51876.65 4323.05 1995.26 24.94	54470.48 4539.21 2095.02 26.19	57194.01 4766.17 2199.77 27.50	60053.71 5004.48 2309.76 28.87

ID-JDE TECHNICAL/GENERAL(cont'd)	Range	Step A	Step B	Step C	Step D	Step E
7T002 Administrative Analyst	131	82465.12	86588.37	90917.79	95463.68	100236.86
		6872.09	7215.70	7576.48	7955.31	8353.07
		3171.74	3330.32	3496.84	3671.68	3855.26
		39.65	41.63	43.71	45.90	48.19
7T003 Administrative Secretary	118	60053.71	63056.39	66209.21	69519.67	72995.66
		5004.48	5254.70	5517.43	5793.31	6082.97
		2309.76	2425.25	2546.51	2673.83	2807.53
		28.87	30.32	31.83	33.42	35.09
8T002 Air Quality Case Settlement Specialist I	126	72995.66	76645.44	80477.71	84501.60	88726.68
		6082.97	6387.12	6706.48	7041.80	7393.89
		2807.53	2947.90	3095.30	3250.06	3412.56
		35.09	36.85	38.69	40.63	42.66
7T004 Air Quality Case Settlement Specialist II	130	80477.71	84501.60	88726.68	93163.01	97821.16
		6706.48	7041.80	7393.89	7763.58	8151.76
		3095.30	3250.06	3412.56	3583.19	3762.35
		38.69	40.63	42.66	44.79	47.03
8T003 Air Quality Inspector I	124	69519.67	72995.66	76645.44	80477.71	84501.60
		5793.31	6082.97	6387.12	6706.48	7041.80
		2673.83	2807.53	2947.90	3095.30	3250.06
		33.42	35.09	36.85	38.69	40.63
7T005 Air Quality Inspector II	128	76645.44	80477.71	84501.60	88726.68	93163.01
		6387.12	6706.48	7041.80	7393.89	7763.58
		2947.90	3095.30	3250.06	3412.56	3583.19
		36.85	38.69	40.63	42.66	44.79
8T004 Air Quality Instrument Specialist I	124	69519.67	72995.66	76645.44	80477.71	84501.60
		5793.31	6082.97	6387.12	6706.48	7041.80
		2673.83	2807.53	2947.90	3095.30	3250.06
		33.42	35.09	36.85	38.69	40.63
7T006 Air Quality Instrument Specialist II	128	76645.44	80477.71	84501.60	88726.68	93163.01
		6387.12	6706.48	7041.80	7393.89	7763.58
		2947.90	3095.30	3250.06	3412.56	3583.19
		36.85	38.69	40.63	42.66	44.79
8T005 Air Quality Laboratory Technician I	122	66209.21	69519.67	72995.66	76645.44	80477.71
		5517.43	5793.31	6082.97	6387.12	6706.48
		2546.51	2673.83	2807.53	2947.90	3095.30
		31.83	33.42	35.09	36.85	38.69
7T007 Air Quality Laboratory Technician II	126	72995.66	76645.44	80477.71	84501.60	88726.68
		6082.97	6387.12	6706.48	7041.80	7393.89
		2807.53	2947.90	3095.30	3250.06	3412.56
		35.09	36.85	38.69	40.63	42.66
8T006 Air Quality Permit Technician I	122	66209.21	69519.67	72995.66	76645.44	80477.71
		5517.43	5793.31	6082.97	6387.12	6706.48
		2546.51	2673.83	2807.53	2947.90	3095.30
		31.83	33.42	35.09	36.85	38.69

ID-JDE TECHNICAL/GENERAL(cont'd)	Range	Step A	Step B	Step C	Step D	Step E
7T008 Air Quality Permit Technician II	126	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66
8T007 Air Quality Specialist I	130	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03
7T009 Air Quality Specialist II	134	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38	107847.83 8987.32 4147.99 51.85
7T010 Air Quality Technical Assistant	118	60053.71 5004.48 2309.76 28.87	63056.39 5254.70 2425.25 30.32	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09
8T008 Air Quality Technician I	122	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69
7T011 Air Quality Technician II	126	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66
8T014 Assistant Staff Specialist I	122	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69
7T033 Assistant Staff Specialist II	126	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69	84501.60 7041.80 3250.06 40.63	88726.68 7393.89 3412.56 42.66
7T012 Building Maintenance Mechanic	114	54470.48 4539.21 2095.02 26.19	57194.01 4766.17 2199.77 27.50	60053.71 5004.48 2309.76 28.87	63056.39 5254.70 2425.25 30.32	66209.21 5517.43 2546.51 31.83
7T013 Data Entry Operator	111	50626.43 4218.87 1947.17 24.34	53157.75 4429.81 2044.53 25.56	55815.64 4651.30 2146.76 26.83	58606.42 4883.87 2254.09 28.18	61536.74 5128.06 2366.80 29.58

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
5T010 Data Support Supervisor	142	107847.83	113240.22	118902.24	124847.35	131089.71
		8987.32	9436.69	9908.52	10403.95	10924.14
		4147.99	4355.39	4573.16	4801.82	5041.91
		51.85	54.44	57.16	60.02	63.02
7T014 Database Specialist	135	90917.79	95463.68	100236.86	105248.71	110511.14
		7576.48	7955.31	8353.07	8770.73	9209.26
		3496.84	3671.68	3855.26	4048.03	4250.43
		43.71	45.90	48.19	50.60	53.13
7T015 Deputy Clerk of the Boards	123	67844.26	71236.47	74798.29	78538.21	82465.12
		5653.69	5936.37	6233.19	6544.85	6872.09
		2609.39	2739.86	2876.86	3020.70	3171.74
		32.62	34.25	35.96	37.76	39.65
7T028 Facilities Maintenance Worker	108	47053.65	49406.33	51876.65	54470.48	57194.01
		3921.14	4117.19	4323.05	4539.21	4766.17
		1809.76	1900.24	1995.26	2095.02	2199.77
		22.62	23.75	24.94	26.19	27.50
5T008 Facilities Services Supervisor	130	80477.71	84501.60	88726.68	93163.01	97821.16
		6706.48	7041.80	7393.89	7763.58	8151.76
		3095.30	3250.06	3412.56	3583.19	3762.35
		38.69	40.63	42.66	44.79	47.03
7T031 Fiscal Services Coordinator	139	100236.86	105248.71	110511.14	116036.70	121838.54
		8353.07	8770.73	9209.26	9669.73	10153.21
		3855.26	4048.03	4250.43	4462.95	4686.10
		48.19	50.60	53.13	55.79	58.58
8T009 Mechanic I	121	64613.58	67844.26	71236.47	74798.29	78538.21
		5384.46	5653.69	5936.37	6233.19	6544.85
		2485.14	2609.39	2739.86	2876.86	3020.70
		31.06	32.62	34.25	35.96	37.76
7T016 Mechanic II	125	71236.47	74798.29	78538.21	82465.12	86588.37
		5936.37	6233.19	6544.85	6872.09	7215.70
		2739.86	2876.86	3020.70	3171.74	3330.32
		34.25	35.96	37.76	39.65	41.63
8T010 Office Assistant I	104	42679.05	44813.00	47053.65	49406.33	51876.65
		3556.59	3734.42	3921.14	4117.19	4323.05
		1641.50	1723.58	1809.76	1900.24	1995.26
		20.52	21.54	22.62	23.75	24.94
7T017 Office Assistant II	108	47053.65	49406.33	51876.65	54470.48	57194.01
		3921.14	4117.19	4323.05	4539.21	4766.17
		1809.76	1900.24	1995.26	2095.02	2199.77
		22.62	23.75	24.94	26.19	27.50
5T001 Office Services Supervisor	116	57194.01	60053.71	63056.39	66209.21	69519.67
		4766.17	5004.48	5254.70	5517.43	5793.31
		2199.77	2309.76	2425.25	2546.51	2673.83
		27.50	28.87	30.32	31.83	33.42
7T029 Organizational Development and Training Specialist	134	88726.68	93163.01	97821.16	102712.22	107847.83
		7393.89	7763.58	8151.76	8559.35	8987.32
		3412.56	3583.19	3762.35	3950.47	4147.99
		42.66	44.79	47.03	49.38	51.85

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
7T018 Permit Coordinator	134	88726.68 7393.89 3412.56 42.66	93163.01 7763.58 3583.19 44.79	97821.16 8151.76 3762.35 47.03	102712.22 8559.35 3950.47 49.38	107847.83 8987.32 4147.99 51.85
4T001 Principal Air Quality Specialist	142	107847.83 8987.32 4147.99 51.85	113240.22 9436.69 4355.39 54.44	118902.24 9908.52 4573.16 57.16	124847.35 10403.95 4801.82 60.02	131089.71 10924.14 5041.91 63.02
8T011 Programmer Analyst I	127	74798.29 6233.19 2876.86 35.96	78538.21 6544.85 3020.70 37.76	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71
7T019 Programmer Analyst II	131	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71	95463.68 7955.31 3671.68 45.90	100236.86 8353.07 3855.26 48.19
8T012 Public Information Officer I	127	74798.29 6233.19 2876.86 35.96	78538.21 6544.85 3020.70 37.76	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71
7T020 Public Information Officer II	131	82465.12 6872.09 3171.74 39.65	86588.37 7215.70 3330.32 41.63	90917.79 7576.48 3496.84 43.71	95463.68 7955.31 3671.68 45.90	100236.86 8353.07 3855.26 48.19
7T027 Purchasing Agent	122	66209.21 5517.43 2546.51 31.83	69519.67 5793.31 2673.83 33.42	72995.66 6082.97 2807.53 35.09	76645.44 6387.12 2947.90 36.85	80477.71 6706.48 3095.30 38.69
7T021 Radio/Telephone Operator	113	53157.75 4429.81 2044.53 25.56	55815.64 4651.30 2146.76 26.83	58606.42 4883.87 2254.09 28.18	61536.74 5128.06 2366.80 29.58	64613.58 5384.46 2485.14 31.06
5T002 Radio/Telephone Operator Supervisor	119	61536.74 5128.06 2366.80 29.58	64613.58 5384.46 2485.14 31.06	67844.26 5653.69 2609.39 32.62	71236.47 5936.37 2739.86 34.25	74798.29 6233.19 2876.86 35.96
7T022 Receptionist	104	42679.05 3556.59 1641.50 20.52	44813.00 3734.42 1723.58 21.54	47053.65 3921.14 1809.76 22.62	49406.33 4117.19 1900.24 23.75	51876.65 4323.05 1995.26 24.94
7T023 Secretary	112	51876.65 4323.05 1995.26 24.94	54470.48 4539.21 2095.02 26.19	57194.01 4766.17 2199.77 27.50	60053.71 5004.48 2309.76 28.87	63056.39 5254.70 2425.25 30.32

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
6T001 Senior Accounting Assistant	114	54470.48	57194.01	60053.71	63056.39	66209.21
		4539.21	4766.17	5004.48	5254.70	5517.43
		2095.02	2199.77	2309.76	2425.25	2546.51
		26.19	27.50	28.87	30.32	31.83
6T002 Senior Air Quality Inspector	132	84501.60	88726.68	93163.01	97821.16	102712.22
		7041.80	7393.89	7763.58	8151.76	8559.35
		3250.06	3412.56	3583.19	3762.35	3950.47
		40.63	42.66	44.79	47.03	49.38
6T003 Senior Air Quality Instrument Specialist	132	84501.60	88726.68	93163.01	97821.16	102712.22
		7041.80	7393.89	7763.58	8151.76	8559.35
		3250.06	3412.56	3583.19	3762.35	3950.47
		40.63	42.66	44.79	47.03	49.38
6T007 Senior Air Quality Permit Technician	130	80477.71	84501.60	88726.68	93163.01	97821.16
		6706.48	7041.80	7393.89	7763.58	8151.76
		3095.30	3250.06	3412.56	3583.19	3762.35
		38.69	40.63	42.66	44.79	47.03
6T004 Senior Air Quality Specialist	138	97821.16	102712.22	107847.83	113240.22	118902.24
		8151.76	8559.35	8987.32	9436.69	9908.52
		3762.35	3950.47	4147.99	4355.39	4573.16
		47.03	49.38	51.85	54.44	57.16
6T006 Senior Air Quality Technician	130	80477.71	84501.60	88726.68	93163.01	97821.16
		6706.48	7041.80	7393.89	7763.58	8151.76
		3095.30	3250.06	3412.56	3583.19	3762.35
		38.69	40.63	42.66	44.79	47.03
6T005 Senior Public Information Officer	135	90917.79	95463.68	100236.86	105248.71	110511.14
		7576.48	7955.31	8353.07	8770.73	9209.26
		3496.84	3671.68	3855.26	4048.03	4250.43
		43.71	45.90	48.19	50.60	53.13
6T008 Senior Staff Specialist	138	97821.16	102712.22	107847.83	113240.22	118902.24
		8151.76	8559.35	8987.32	9436.69	9908.52
		3762.35	3950.47	4147.99	4355.39	4573.16
		47.03	49.38	51.85	54.44	57.16
8T013 Staff Specialist I	130	80477.71	84501.60	88726.68	93163.01	97821.16
		6706.48	7041.80	7393.89	7763.58	8151.76
		3095.30	3250.06	3412.56	3583.19	3762.35
		38.69	40.63	42.66	44.79	47.03
7T032 Staff Specialist II	134	88726.68	93163.01	97821.16	102712.22	107847.83
		7393.89	7763.58	8151.76	8559.35	8987.32
		3412.56	3583.19	3762.35	3950.47	4147.99
		42.66	44.79	47.03	49.38	51.85
5T003 Supervising Air Quality Inspector	136	93163.01	97821.16	102712.22	107847.83	113240.22
		7763.58	8151.76	8559.35	8987.32	9436.69
		3583.19	3762.35	3950.47	4147.99	4355.39
		44.79	47.03	49.38	51.85	54.44

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
5T004 Supervising Air Quality Instrument Specialist	136	93163.01	97821.16	102712.22	107847.83	113240.22
		7763.58	8151.76	8559.35	8987.32	9436.69
		3583.19	3762.35	3950.47	4147.99	4355.39
		44.79	47.03	49.38	51.85	54.44
5T005 Supervising Air Quality Specialist	142	107847.83	113240.22	118902.24	124847.35	131089.71
		8987.32	9436.69	9908.52	10403.95	10924.14
		4147.99	4355.39	4573.16	4801.82	5041.91
		51.85	54.44	57.16	60.02	63.02
5T006 Supervising Public Information Officer	139	100236.86	105248.71	110511.14	116036.70	121838.54
		8353.07	8770.73	9209.26	9669.73	10153.21
		3855.26	4048.03	4250.43	4462.95	4686.10
		48.19	50.60	53.13	55.79	58.58
5T009 Supervising Staff Specialist	142	107847.83	113240.22	118902.24	124847.35	131089.71
		8987.32	9436.69	9908.52	10403.95	10924.14
		4147.99	4355.39	4573.16	4801.82	5041.91
		51.85	54.44	57.16	60.02	63.02
5T007 Supervising Systems Analyst	139	100236.86	105248.71	110511.14	116036.70	121838.54
		8353.07	8770.73	9209.26	9669.73	10153.21
		3855.26	4048.03	4250.43	4462.95	4686.10
		48.19	50.60	53.13	55.79	58.58
7T024 Systems Analyst	135	90917.79	95463.68	100236.86	105248.71	110511.14
		7576.48	7955.31	8353.07	8770.73	9209.26
		3496.84	3671.68	3855.26	4048.03	4250.43
		43.71	45.90	48.19	50.60	53.13
7T025 Systems Quality Assurance Specialist	135	90917.79	95463.68	100236.86	105248.71	110511.14
		7576.48	7955.31	8353.07	8770.73	9209.26
		3496.84	3671.68	3855.26	4048.03	4250.43
		43.71	45.90	48.19	50.60	53.13
7T026 Web Master	135	90917.79	95463.68	100236.86	105248.71	110511.14
		7576.48	7955.31	8353.07	8770.73	9209.26
		3496.84	3671.68	3855.26	4048.03	4250.43
		43.71	45.90	48.19	50.60	53.13

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT
SALARY SCHEDULE FOR MANAGEMENT AND CONFIDENTIAL CLASSES**
Annually/Monthly/Bi-weekly/Hourly effective January 1, 2018

ID-JDE MANAGEMENT

Per Employment Agreement

1B101 Executive Officer/Air Pollution Control Officer	298696.22
	24891.35
	11488.32
	143.60
1B102 Counsel	281052.00
	23421.00
	10809.69
	135.12

ID-JDE MANAGEMENT

	Range	Step A	Step B	Step C	Step D	Step E
3M101 Air Monitoring Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
3M102 Air Quality Engineering Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
3M103 Air Quality Planning Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
3M104 Air Quality Program Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
8M101 Assistant Counsel I	149M	130811.97	137352.57	144220.19	151431.20	159002.76
		10901.00	11446.05	12018.35	12619.27	13250.23
		5031.23	5282.79	5546.93	5824.28	6115.49
		62.89	66.03	69.34	72.80	76.44
7M101 Assistant Counsel II	153M	146727.38	154063.75	161766.94	169855.28	178348.05
		12227.28	12838.65	13480.58	14154.61	14862.34
		5643.36	5925.53	6221.81	6532.90	6859.54
		70.54	74.07	77.77	81.66	85.74
3M121 Assistant Manager	147M	126748.63	133086.06	139740.36	146727.38	154063.75
		10562.39	11090.51	11645.03	12227.28	12838.65
		4874.95	5118.69	5374.63	5643.36	5925.53
		60.94	63.98	67.18	70.54	74.07
3M117 Audit & Special Projects Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90

ID-JDE MANAGEMENT(CONTINUED)	Range	Step A	Step B	Step C	Step D	Step E
3M105 Business Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
2M111 Communications Officer	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
1M101 Deputy Air Pollution Control Officer	160M	174049.87	182752.37	191889.99	201484.49	211558.71
		14504.16	15229.36	15990.83	16790.37	17629.89
		6694.23	7028.94	7380.38	7749.40	8136.87
		83.68	87.86	92.25	96.87	101.71
1M102 Deputy Executive Officer	169M	216783.17	227622.33	239003.44	250953.62	263501.30
		18065.26	18968.53	19916.95	20912.80	21958.44
		8337.81	8754.70	9192.44	9652.06	10134.67
		104.22	109.43	114.91	120.65	126.68
2M110 Director/Officer	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
2M101 Director of Administration	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
2M102 Director of Enforcement	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
2M103 Director of Engineering	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
2M108 Director of Strategic Incentives	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
2M104 Director of Information Services	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
2M105 Director of Planning and Research	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65
2M107 Director of Technical Services	156M	156826.13	164667.44	172900.81	181545.85	190623.14
		13068.84	13722.29	14408.40	15128.82	15885.26
		6031.77	6333.36	6650.03	6982.53	7331.66
		75.40	79.17	83.13	87.28	91.65

ID-JDE	MANAGEMENT(CONTINUED)	Range	Step A	Step B	Step C	Step D	Step E
3M119	Engineering Project Processing Manager	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90
3M113	Executive Operations Manager	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90
3M107	Finance Manager	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90
3M106	Fleet and Facilities Manager	134M	92302.36 7691.86 3550.09 44.38	96917.48 8076.46 3727.60 46.59	101763.36 8480.28 3913.98 48.92	106851.52 8904.29 4109.67 51.37	112194.10 9349.51 4315.16 53.94
2M110	Health Officer	156M	156826.13 13068.84 6031.77 75.40	164667.44 13722.29 6333.36 79.17	172900.81 14408.40 6650.03 83.13	181545.85 15128.82 6982.53 87.28	190623.14 15885.26 7331.66 91.65
3M118	Human Resources Manager	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90
3M108	Human Resources Officer	156M	156826.13 13068.84 6031.77 75.40	164667.44 13722.29 6333.36 79.17	172900.81 14408.40 6650.03 83.13	181545.85 15128.82 6982.53 87.28	190623.14 15885.26 7331.66 91.65
3M109	Information Systems Manager	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90
2M109	Information Technology Officer	156M	156826.13 13068.84 6031.77 75.40	164667.44 13722.29 6333.36 79.17	172900.81 14408.40 6650.03 83.13	181545.85 15128.82 6982.53 87.28	190623.14 15885.26 7331.66 91.65
3M110	Manager (Laboratory)	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90
3M120	Manager	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90
3M115	Manager of Executive Operations	148M	129878.70 10823.22 4995.33 62.44	136372.63 11364.39 5245.10 65.56	143191.26 11932.61 5507.36 68.84	150350.83 12529.24 5782.72 72.28	157868.37 13155.70 6071.86 75.90

ID-JDE MANAGEMENT(CONTINUED)	Range	Step A	Step B	Step C	Step D	Step E
3M111 Meteorology and Data Analysis Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
3M112 Research and Modeling Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
6M101 Senior Assistant Counsel	157M	161766.94	169855.28	178348.05	187265.45	196628.72
		13480.58	14154.61	14862.34	15605.45	16385.73
		6221.81	6532.90	6859.54	7202.52	7562.64
		77.77	81.66	85.74	90.03	94.53
6M102 Senior Policy Advisor	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90
3M116 Strategic Facilities Planning Manager	148M	129878.70	136372.63	143191.26	150350.83	157868.37
		10823.22	11364.39	11932.61	12529.24	13155.70
		4995.33	5245.10	5507.36	5782.72	6071.86
		62.44	65.56	68.84	72.28	75.90

ID-JDE CONFIDENTIAL

	Range	Step A	Step B	Step C	Step D	Step E
7C007 Administrative Secretary (Confidential)	118	60654.25 5054.52 2332.86 29.16	63686.96 5307.25 2449.50 30.62	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45
5C101 Clerk of the Boards	132	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87
8C004 Executive Secretary I	128	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24
7C001 Executive Secretary II	132	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87
8C101 Human Resources Analyst I	130	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50
7C103 Human Resources Analyst II	134	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37
8C001 Human Resources Technician I	122	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08
7C002 Human Resources Technician II	126	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08
7C003 Legal Office Services Specialist	124	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03
8C002 Legal Secretary I	116	57765.95 4813.83 2221.77 27.77	60654.25 5054.52 2332.86 29.16	63686.96 5307.25 2449.50 30.62	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76
7C004 Legal Secretary II	120	63686.96 5307.25 2449.50 30.62	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22
8C003 Office Assistant I (HR)	104	43105.84 3592.15 1657.92 20.72	45261.13 3771.76 1740.81 21.76	47524.19 3960.35 1827.85 22.85	49900.40 4158.37 1919.25 23.99	52395.42 4366.28 2015.21 25.19

ID-JDE CONFIDENTIAL(CONTINUED)

	Range	Step A	Step B	Step C	Step D	Step E
7C005 Office Assistant II (HR)	108	47524.19	49900.40	52395.42	55015.19	57765.95
		3960.35	4158.37	4366.28	4584.60	4813.83
		1827.85	1919.25	2015.21	2115.97	2221.77
		22.85	23.99	25.19	26.45	27.77
7C102 Paralegal	124	70214.87	73725.62	77411.90	81282.49	85346.62
		5851.24	6143.80	6450.99	6773.54	7112.22
		2700.57	2835.60	2977.38	3126.25	3282.56
		33.76	35.45	37.22	39.08	41.03
6C001 Senior Executive Secretary	134	89613.95	94094.64	98799.38	103739.34	108926.31
		7467.83	7841.22	8233.28	8644.95	9077.19
		3446.69	3619.02	3799.98	3989.97	4189.47
		43.08	45.24	47.50	49.87	52.37
5C102 Supervising Human Resources Analyst	142	108926.31	114372.63	120091.26	126095.82	132400.61
		9077.19	9531.05	10007.60	10507.99	11033.38
		4189.47	4398.95	4618.89	4849.84	5092.33
		52.37	54.99	57.74	60.62	63.65

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
SALARY SCHEDULE FOR TECHNICAL/GENERAL AND PROFESSIONAL EMPLOYEES
Effective January 1, 2018 per Memorandum of Understanding dated May 15, 2002

ID-JDE PROFESSIONAL	Range	Step A	Step B	Step C	Step D	Step E
7P001 Accountant I	123	68522.70 5710.22 2635.49 32.94	71948.83 5995.74 2767.26 34.59	75546.27 6295.52 2905.63 36.32	79323.59 6610.30 3050.91 38.14	83289.77 6940.81 3203.45 40.04
7P014 Accountant II	127	75546.27 6295.52 2905.63 36.32	79323.59 6610.30 3050.91 38.14	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15
7P002 Advanced Projects Advisor	144	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65	139020.64 11585.05 5346.95 66.84
8P001 Air Quality Chemist I	127	75546.27 6295.52 2905.63 36.32	79323.59 6610.30 3050.91 38.14	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15
7P003 Air Quality Chemist II	131	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67
8P002 Air Quality Engineer I	132	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87
7P004 Air Quality Engineer II	136	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99
8P003 Air Quality Meteorologist I	131	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67
7P005 Air Quality Meteorologist II	135	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66
7P006 Atmospheric Modeler	140	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62
8P004 Environmental Planner I	130	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50

ID-JDE PROFESSIONAL(continued)	Range	Step A	Step B	Step C	Step D	Step E
7P007 Environmental Planner II	134	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37
7P008 Legislative Analyst	138	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74
7P009 Librarian	128	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24
4P001 Principal Accountant	135	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66
4P002 Principal Air and Meteorological Monitoring Specialist	143	111616.25 9301.35 4292.93 53.66	117197.07 9766.42 4507.58 56.34	123056.92 10254.74 4732.96 59.16	129209.77 10767.48 4969.61 62.12	135670.26 11305.85 5218.09 65.23
4P005 Principal Air Quality Chemist	139	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66	117197.07 9766.42 4507.58 56.34	123056.92 10254.74 4732.96 59.16
4P003 Principal Air Quality Engineer	144	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65	139020.64 11585.05 5346.95 66.84
4P004 Principal Environmental Planner	142	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65
7P010 Research Analyst	130	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50
6P001 Senior Advanced Projects Advisor	148	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65	139020.64 11585.05 5346.95 66.84	145971.67 12164.31 5614.30 70.18	153270.26 12772.52 5895.01 73.69
6P002 Senior Air Quality Chemist	135	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66

ID-JDE PROFESSIONAL(continued)		Range	Step A	Step B	Step C	Step D	Step E
6P003	Senior Air Quality Engineer	140	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62
6P004	Senior Air Quality Meteorologist	139	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66	117197.07 9766.42 4507.58 56.34	123056.92 10254.74 4732.96 59.16
6P005	Senior Atmospheric Modeler	144	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65	139020.64 11585.05 5346.95 66.84
6P006	Senior Environmental Planner	138	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74
7P011	Statistician	137	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66	117197.07 9766.42 4507.58 56.34
5P001	Supervising Air Quality Engineer	144	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65	139020.64 11585.05 5346.95 66.84
5P002	Supervising Air Quality Meteorologist	143	111616.25 9301.35 4292.93 53.66	117197.07 9766.42 4507.58 56.34	123056.92 10254.74 4732.96 59.16	129209.77 10767.48 4969.61 62.12	135670.26 11305.85 5218.09 65.23
5P003	Supervising Environmental Planner	142	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65
7P012	Toxicologist	144	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65	139020.64 11585.05 5346.95 66.84
ID-JDE TECHNICAL/GENERAL		Range	Step A	Step B	Step C	Step D	Step E
8T001	Accounting Assistant I	106	45261.13 3771.76 1740.81 21.76	47524.19 3960.35 1827.85 22.85	49900.40 4158.37 1919.25 23.99	52395.42 4366.28 2015.21 25.19	55015.19 4584.60 2115.97 26.45
7T001	Accounting Assistant II	110	49900.40 4158.37 1919.25 23.99	52395.42 4366.28 2015.21 25.19	55015.19 4584.60 2115.97 26.45	57765.95 4813.83 2221.77 27.77	60654.25 5054.52 2332.86 29.16

ID-JDE TECHNICAL/GENERAL(cont'd)	Range	Step A	Step B	Step C	Step D	Step E
7T002 Administrative Analyst	131	83289.77	87454.26	91826.97	96418.32	101239.23
		6940.81	7287.85	7652.25	8034.86	8436.60
		3203.45	3363.63	3531.81	3708.40	3893.82
		40.04	42.05	44.15	46.35	48.67
7T003 Administrative Secretary	118	60654.25	63686.96	66871.31	70214.87	73725.62
		5054.52	5307.25	5572.61	5851.24	6143.80
		2332.86	2449.50	2571.97	2700.57	2835.60
		29.16	30.62	32.15	33.76	35.45
8T002 Air Quality Case Settlement Specialist I	126	73725.62	77411.90	81282.49	85346.62	89613.95
		6143.80	6450.99	6773.54	7112.22	7467.83
		2835.60	2977.38	3126.25	3282.56	3446.69
		35.45	37.22	39.08	41.03	43.08
7T004 Air Quality Case Settlement Specialist II	130	81282.49	85346.62	89613.95	94094.64	98799.38
		6773.54	7112.22	7467.83	7841.22	8233.28
		3126.25	3282.56	3446.69	3619.02	3799.98
		39.08	41.03	43.08	45.24	47.50
8T003 Air Quality Inspector I	124	70214.87	73725.62	77411.90	81282.49	85346.62
		5851.24	6143.80	6450.99	6773.54	7112.22
		2700.57	2835.60	2977.38	3126.25	3282.56
		33.76	35.45	37.22	39.08	41.03
7T005 Air Quality Inspector II	128	77411.90	81282.49	85346.62	89613.95	94094.64
		6450.99	6773.54	7112.22	7467.83	7841.22
		2977.38	3126.25	3282.56	3446.69	3619.02
		37.22	39.08	41.03	43.08	45.24
8T004 Air Quality Instrument Specialist I	124	70214.87	73725.62	77411.90	81282.49	85346.62
		5851.24	6143.80	6450.99	6773.54	7112.22
		2700.57	2835.60	2977.38	3126.25	3282.56
		33.76	35.45	37.22	39.08	41.03
7T006 Air Quality Instrument Specialist II	128	77411.90	81282.49	85346.62	89613.95	94094.64
		6450.99	6773.54	7112.22	7467.83	7841.22
		2977.38	3126.25	3282.56	3446.69	3619.02
		37.22	39.08	41.03	43.08	45.24
8T005 Air Quality Laboratory Technician I	122	66871.31	70214.87	73725.62	77411.90	81282.49
		5572.61	5851.24	6143.80	6450.99	6773.54
		2571.97	2700.57	2835.60	2977.38	3126.25
		32.15	33.76	35.45	37.22	39.08
7T007 Air Quality Laboratory Technician II	126	73725.62	77411.90	81282.49	85346.62	89613.95
		6143.80	6450.99	6773.54	7112.22	7467.83
		2835.60	2977.38	3126.25	3282.56	3446.69
		35.45	37.22	39.08	41.03	43.08
8T006 Air Quality Permit Technician I	122	66871.31	70214.87	73725.62	77411.90	81282.49
		5572.61	5851.24	6143.80	6450.99	6773.54
		2571.97	2700.57	2835.60	2977.38	3126.25
		32.15	33.76	35.45	37.22	39.08

ID-JDE TECHNICAL/GENERAL(cont'd)	Range	Step A	Step B	Step C	Step D	Step E
7T008 Air Quality Permit Technician II	126	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08
8T007 Air Quality Specialist I	130	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50
7T009 Air Quality Specialist II	134	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37
7T010 Air Quality Technical Assistant	118	60654.25 5054.52 2332.86 29.16	63686.96 5307.25 2449.50 30.62	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45
8T008 Air Quality Technician I	122	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08
7T011 Air Quality Technician II	126	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08
8T014 Assistant Staff Specialist I	122	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08
7T033 Assistant Staff Specialist II	126	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08	85346.62 7112.22 3282.56 41.03	89613.95 7467.83 3446.69 43.08
7T012 Building Maintenance Mechanic	114	55015.19 4584.60 2115.97 26.45	57765.95 4813.83 2221.77 27.77	60654.25 5054.52 2332.86 29.16	63686.96 5307.25 2449.50 30.62	66871.31 5572.61 2571.97 32.15
7T013 Data Entry Operator	111	51132.69 4261.06 1966.64 24.58	53689.33 4474.11 2064.97 25.81	56373.79 4697.82 2168.22 27.10	59192.48 4932.71 2276.63 28.46	62152.11 5179.34 2390.47 29.88

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
5T010 Data Support Supervisor	142	108926.31	114372.63	120091.26	126095.82	132400.61
		9077.19	9531.05	10007.60	10507.99	11033.38
		4189.47	4398.95	4618.89	4849.84	5092.33
		52.37	54.99	57.74	60.62	63.65
7T014 Database Specialist	135	91826.97	96418.32	101239.23	106301.20	111616.25
		7652.25	8034.86	8436.60	8858.43	9301.35
		3531.81	3708.40	3893.82	4088.51	4292.93
		44.15	46.35	48.67	51.11	53.66
7T015 Deputy Clerk of the Boards	123	68522.70	71948.83	75546.27	79323.59	83289.77
		5710.22	5995.74	6295.52	6610.30	6940.81
		2635.49	2767.26	2905.63	3050.91	3203.45
		32.94	34.59	36.32	38.14	40.04
7T028 Facilities Maintenance Worker	108	47524.19	49900.40	52395.42	55015.19	57765.95
		3960.35	4158.37	4366.28	4584.60	4813.83
		1827.85	1919.25	2015.21	2115.97	2221.77
		22.85	23.99	25.19	26.45	27.77
5T008 Facilities Services Supervisor	130	81282.49	85346.62	89613.95	94094.64	98799.38
		6773.54	7112.22	7467.83	7841.22	8233.28
		3126.25	3282.56	3446.69	3619.02	3799.98
		39.08	41.03	43.08	45.24	47.50
7T031 Fiscal Services Coordinator	139	101239.23	106301.20	111616.25	117197.07	123056.92
		8436.60	8858.43	9301.35	9766.42	10254.74
		3893.82	4088.51	4292.93	4507.58	4732.96
		48.67	51.11	53.66	56.34	59.16
8T009 Mechanic I	121	65259.71	68522.70	71948.83	75546.27	79323.59
		5438.31	5710.22	5995.74	6295.52	6610.30
		2509.99	2635.49	2767.26	2905.63	3050.91
		31.37	32.94	34.59	36.32	38.14
7T016 Mechanic II	125	71948.83	75546.27	79323.59	83289.77	87454.26
		5995.74	6295.52	6610.30	6940.81	7287.85
		2767.26	2905.63	3050.91	3203.45	3363.63
		34.59	36.32	38.14	40.04	42.05
8T010 Office Assistant I	104	43105.84	45261.13	47524.19	49900.40	52395.42
		3592.15	3771.76	3960.35	4158.37	4366.28
		1657.92	1740.81	1827.85	1919.25	2015.21
		20.72	21.76	22.85	23.99	25.19
7T017 Office Assistant II	108	47524.19	49900.40	52395.42	55015.19	57765.95
		3960.35	4158.37	4366.28	4584.60	4813.83
		1827.85	1919.25	2015.21	2115.97	2221.77
		22.85	23.99	25.19	26.45	27.77
5T001 Office Services Supervisor	116	57765.95	60654.25	63686.96	66871.31	70214.87
		4813.83	5054.52	5307.25	5572.61	5851.24
		2221.77	2332.86	2449.50	2571.97	2700.57
		27.77	29.16	30.62	32.15	33.76
7T029 Organizational Development and Training Specialist	134	89613.95	94094.64	98799.38	103739.34	108926.31
		7467.83	7841.22	8233.28	8644.95	9077.19
		3446.69	3619.02	3799.98	3989.97	4189.47
		43.08	45.24	47.50	49.87	52.37

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
7T018 Permit Coordinator	134	89613.95 7467.83 3446.69 43.08	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37
4T001 Principal Air Quality Specialist	142	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65
8T011 Programmer Analyst I	127	75546.27 6295.52 2905.63 36.32	79323.59 6610.30 3050.91 38.14	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15
7T019 Programmer Analyst II	131	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67
8T012 Public Information Officer I	127	75546.27 6295.52 2905.63 36.32	79323.59 6610.30 3050.91 38.14	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15
7T020 Public Information Officer II	131	83289.77 6940.81 3203.45 40.04	87454.26 7287.85 3363.63 42.05	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67
7T027 Purchasing Agent	122	66871.31 5572.61 2571.97 32.15	70214.87 5851.24 2700.57 33.76	73725.62 6143.80 2835.60 35.45	77411.90 6450.99 2977.38 37.22	81282.49 6773.54 3126.25 39.08
7T021 Radio/Telephone Operator	113	53689.33 4474.11 2064.97 25.81	56373.79 4697.82 2168.22 27.10	59192.48 4932.71 2276.63 28.46	62152.11 5179.34 2390.47 29.88	65259.71 5438.31 2509.99 31.37
5T002 Radio/Telephone Operator Supervisor	119	62152.11 5179.34 2390.47 29.88	65259.71 5438.31 2509.99 31.37	68522.70 5710.22 2635.49 32.94	71948.83 5995.74 2767.26 34.59	75546.27 6295.52 2905.63 36.32
7T022 Receptionist	104	43105.84 3592.15 1657.92 20.72	45261.13 3771.76 1740.81 21.76	47524.19 3960.35 1827.85 22.85	49900.40 4158.37 1919.25 23.99	52395.42 4366.28 2015.21 25.19
7T023 Secretary	112	52395.42 4366.28 2015.21 25.19	55015.19 4584.60 2115.97 26.45	57765.95 4813.83 2221.77 27.77	60654.25 5054.52 2332.86 29.16	63686.96 5307.25 2449.50 30.62

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
6T001 Senior Accounting Assistant	114	55015.19	57765.95	60654.25	63686.96	66871.31
		4584.60	4813.83	5054.52	5307.25	5572.61
		2115.97	2221.77	2332.86	2449.50	2571.97
		26.45	27.77	29.16	30.62	32.15
6T002 Senior Air Quality Inspector	132	85346.62	89613.95	94094.64	98799.38	103739.34
		7112.22	7467.83	7841.22	8233.28	8644.95
		3282.56	3446.69	3619.02	3799.98	3989.97
		41.03	43.08	45.24	47.50	49.87
6T003 Senior Air Quality Instrument Specialist	132	85346.62	89613.95	94094.64	98799.38	103739.34
		7112.22	7467.83	7841.22	8233.28	8644.95
		3282.56	3446.69	3619.02	3799.98	3989.97
		41.03	43.08	45.24	47.50	49.87
6T007 Senior Air Quality Permit Technician	130	81282.49	85346.62	89613.95	94094.64	98799.38
		6773.54	7112.22	7467.83	7841.22	8233.28
		3126.25	3282.56	3446.69	3619.02	3799.98
		39.08	41.03	43.08	45.24	47.50
6T004 Senior Air Quality Specialist	138	98799.38	103739.34	108926.31	114372.63	120091.26
		8233.28	8644.95	9077.19	9531.05	10007.60
		3799.98	3989.97	4189.47	4398.95	4618.89
		47.50	49.87	52.37	54.99	57.74
6T006 Senior Air Quality Technician	130	81282.49	85346.62	89613.95	94094.64	98799.38
		6773.54	7112.22	7467.83	7841.22	8233.28
		3126.25	3282.56	3446.69	3619.02	3799.98
		39.08	41.03	43.08	45.24	47.50
6T005 Senior Public Information Officer	135	91826.97	96418.32	101239.23	106301.20	111616.25
		7652.25	8034.86	8436.60	8858.43	9301.35
		3531.81	3708.40	3893.82	4088.51	4292.93
		44.15	46.35	48.67	51.11	53.66
6T008 Senior Staff Specialist	138	98799.38	103739.34	108926.31	114372.63	120091.26
		8233.28	8644.95	9077.19	9531.05	10007.60
		3799.98	3989.97	4189.47	4398.95	4618.89
		47.50	49.87	52.37	54.99	57.74
8T013 Staff Specialist I	130	81282.49	85346.62	89613.95	94094.64	98799.38
		6773.54	7112.22	7467.83	7841.22	8233.28
		3126.25	3282.56	3446.69	3619.02	3799.98
		39.08	41.03	43.08	45.24	47.50
7T032 Staff Specialist II	134	89613.95	94094.64	98799.38	103739.34	108926.31
		7467.83	7841.22	8233.28	8644.95	9077.19
		3446.69	3619.02	3799.98	3989.97	4189.47
		43.08	45.24	47.50	49.87	52.37
5T003 Supervising Air Quality Inspector	136	94094.64	98799.38	103739.34	108926.31	114372.63
		7841.22	8233.28	8644.95	9077.19	9531.05
		3619.02	3799.98	3989.97	4189.47	4398.95
		45.24	47.50	49.87	52.37	54.99

ID-JDE TECHNICAL/GENERAL (cont'd)	Range	Step A	Step B	Step C	Step D	Step E
5T004 Supervising Air Quality Instrument Specialist	136	94094.64 7841.22 3619.02 45.24	98799.38 8233.28 3799.98 47.50	103739.34 8644.95 3989.97 49.87	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99
5T005 Supervising Air Quality Specialist	142	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65
5T006 Supervising Public Information Officer	139	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66	117197.07 9766.42 4507.58 56.34	123056.92 10254.74 4732.96 59.16
5T009 Supervising Staff Specialist	142	108926.31 9077.19 4189.47 52.37	114372.63 9531.05 4398.95 54.99	120091.26 10007.60 4618.89 57.74	126095.82 10507.99 4849.84 60.62	132400.61 11033.38 5092.33 63.65
5T007 Supervising Systems Analyst	139	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66	117197.07 9766.42 4507.58 56.34	123056.92 10254.74 4732.96 59.16
7T024 Systems Analyst	135	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66
7T025 Systems Quality Assurance Specialist	135	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66
7T026 Web Master	135	91826.97 7652.25 3531.81 44.15	96418.32 8034.86 3708.40 46.35	101239.23 8436.60 3893.82 48.67	106301.20 8858.43 4088.51 51.11	111616.25 9301.35 4292.93 53.66

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 5, 2017

Re: Authorization to Execute a Contract Amendment with Denovo Ventures LLC, for
Upgrade of the Air District's Financial System (JDE)

RECOMMENDED ACTION

The Board of Directors will consider authorizing the Executive Officer/APCO to execute a contract amendment with, Denovo Ventures LLC, in the amount of \$100,000 for upgrade of the Air District's Financial System (JDE).

BACKGROUND

The Air District implemented JDE financial system in 2004 and currently operates off this 13-year-old platform. As Air District's JDE software is outdated, it receives limited support from Oracle; which does not include new updates, security alerts, data fixes, and critical patch updates. Through a competitive RFP process, staff recommended and the Board of Directors approved a contract with Denovo to upgrade the financial system for \$1,358,036. This project required the technical assistance of a JDE expert to assist the Air District in this effort, including integration with the Air District's two billing systems: IRIS and New Permitting System (NPS).

DISCUSSION

The JDE upgrade is underway and is expected to be completed by the end of December 2017. The upgrade to the District's financial software will take advantage of new functionalities and enhancements offered by the current software version. The upgrade will also allow greater overall performance and productivity.

The Denovo consultants have identified additional features and functionalities that Air District staff believes would greatly improve the integrity of financial information flowing between the financial system and the billing systems, as well as, provide additional security features with its banking institution. Some of these additional system configurations include:

- Improving the invoicing features between the online permitting system (NPS) and JDE financial system to better reporting
- Configuring the financial system to allow for Payee Positive Pay functionalities and notification with the Air District's banking institution

These additional configurations are not within the scope of the original contract and would therefore require additional funding up to \$100,000 to execute.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for the contract amendment in the amount of \$100,000 is included in the Fiscal Year Ending (FYE) 2018 budget and will be funded from the Administrative Resources Division (Program 701).

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze
Reviewed by: Rex Sanders

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2017

Re: Report of the Stationary Source Committee Meeting of September 18, 2017

RECOMMENDED ACTION

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

BACKGROUND

The Committee will meet on Monday, September 18, 2017, and receive the following reports:

- A) Update on Wood Smoke Program; and
- B) Update on Draft Regulation 11, Rule 18: Reduction of Risk from Air Toxic Emissions at Existing Facilities

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

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None; and
- B) Staff anticipate the need to perform approximately 500 additional facility-wide Health Risk Assessments (HRAs) and review several hundred Risk Reduction Plans (RRPs) over the next 5 years. Four new full-time staff in the Engineering Division will be required to maintain current permitting operations, while existing staff are redirected towards this effort.

The Board of Directors (Board) adopted new fees in the June 2017 amendments of Regulation 3, to cover the costs associated with conducting HRAs and reviewing the RRP. In addition, the Board approved the allocation of \$1.2 million in the Fiscal Year End (FYE) 2018 budget to hire consultants to aid in accelerating the execution of the HRA work.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Maricela Martinez

Attachment 11A: 09/18/17 - Stationary Source Committee Meeting Agenda #4
Attachment 11B: 09/18/17 - Stationary Source Committee Meeting Agenda #5

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 7, 2017

Re: Update on Wood Smoke Program

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In the winter, the estimated 1.4 million fireplaces and other wood-burning residential heating devices account for more than 30% of PM_{2.5} air pollution in the Bay Area. On July 9, 2008, the Bay Area Air Quality Management District's (Air District) Board of Directors (Board) adopted Regulation 6, Rule 3: Wood-Burning Devices, to protect Bay Area residents from the public health impacts of wood smoke pollution. Wood-burning devices include fireplaces, fire pits, wood stoves, pellet stoves, and any other wood-fired heating device. The rule bans wood burning during Winter Spare the Air Alerts; limits excess visible smoke; prohibits burning garbage; prohibits the sale and installation of non-EPA certified wood-burning devices; and requires labeling on firewood and other solid fuels sold within the Air District's jurisdiction.

Regulation 6, Rule 3 has successfully reduced wintertime PM_{2.5} emissions regionally by about 2,660 tons per year (tpy). However, wood smoke continues to exceed the PM_{2.5} federal health standard, and to negatively impact local air quality. On October 21, 2015, the Board adopted amendments to the rule that tighten the exemptions and the requirements from the original rule. The amendments to Regulation 6, Rule 3 include the following provisions:

- Restrictions on the availability of the "sole source of heat" exemption: Residents seeking to use the exemption will be required to replace or upgrade any existing non-certified wood-burning device or fireplace with an EPA-certified wood-burning device, and to register that EPA-certified device with the Air District;
- Adoption of EPA emissions requirements for the manufacturing, sale or resale of wood-burning devices;
- Requirement for a proactive and informative disclosure describing the negative health impacts of PM_{2.5} when selling, leasing, or renting properties with a wood-burning device;

- Requirement for rental properties in natural gas service areas to have a permanently installed form of heat that does not burn solid fuel;
- Limits on installations in new building construction to only non-wood-burning devices; and
- Requirements for the replacement of an existing uncertified wood-burning device with a clean burning device if a fireplace or chimney remodel exceeds \$15,000 and requires a building permit.

In addition to the proposed rule change, on September 2, 2015, the Board allocated \$3 million from the Air District's reserves to fund an incentive program to aid Bay Area homeowners and landlords to change to cleaner heating devices.

DISCUSSION

Staff will present an update on the Wood Smoke Reduction Program including information about:

- Regulation 6, Rule 3 implementation.
- The Wood Smoke Reduction Incentive Program that was developed to help Bay Area homeowners and landlords replace their wood-burning heating devices with cleaner options.
- The Winter Spare the Air campaign which highlights changes to the wood burning rule, publicizes the benefits of replacing old fireplaces and continue to focus on the localized health impacts from wood smoke.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Wayne Kino
Reviewed by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/Air Pollution Control Officer

Date: September 7, 2017

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

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Air District implements several programs that are designed to identify and reduce community exposure to Toxic Air Contaminants (TACs). Staff is proposing Regulation 11, Rule 18 (Rule 11-18) to address the public's exposure of health risks associated with the emissions of TACs at existing facilities by reducing those risks to the lowest feasible levels.

DISCUSSION

Proposed Rule 11-18 is a groundbreaking, air quality measure that further protects the health of Bay Area residents and communities. If adopted, this new regulation will impose some of the most stringent limits on toxic air contaminant emissions from stationary sources in the state and nation. This regulation proposes to incorporate the newest health protective standards published by the Office of Environmental Health Hazard Assessment (OEHHA) and would directly limit the risk from stationary sources in communities by requiring these facilities to meet new, lower health risk management standards: a cancer risk of 10 per million (10/M) and a chronic/acute hazard index of 1.0.

The Air District will screen and prioritize facilities based on the quantity and potency of their emissions, as well as, their proximity to residents and offsite workers. The Air District will conduct Health Risk Assessments (HRAs) to determine if these facilities are above the health risk action threshold. Facilities above this health risk action threshold would be required to reduce their risk by either process modification or the installation of emissions controls, which will be validated and tracked by the Air District through the filing of a Risk Reduction Plan (RRP). If a facility cannot devise a means to fully reduce its risk below the threshold, it would still be required to install best available retrofit control technology for toxic pollutants (TBARCT) on significant sources of risk at the facility.

Staff will provide an update on the status of proposed Rule 11-18, including a summary of comments from public workshops and technical working groups with various industry groups.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Staff anticipate the need to perform approximately 500 additional facility-wide HRAs and review several hundred RRs over the next 5 years. Four new full-time staff in the Engineering Division will be required to maintain current permitting operations, while existing staff are redirected towards this effort.

The Board of Directors (Board) adopted new fees in the June 2017 amendments of Regulation 3, to cover the costs associated with conducting HRAs and reviewing the RRs. In addition, the Board approved the allocation of \$1.2 million in the Fiscal Year End 2018 (FYE 2018) budget to hire consultants to aid in accelerating the execution of the HRA work.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jaime Williams
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2017

Re: Protecting Refinery Communities from Air Pollution

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In 2012, staff began a rule development process designed to address communities' concerns regarding air pollution from refineries and the potential of these emissions to increase due to changes in crude oil inputs. The Air District has taken a three-pronged approach to addressing these concerns: (1) *direct regulation of emissions*; (2) *capping risk from toxic air emissions*; and (3) *closely monitoring crude oil properties and refinery pollution*.

Direct regulation of emissions is being implemented through traditional Best Available Retrofit Control Technology (BARCT) rulemaking required under the California Health and Safety Code. In October 2014, the Board directed staff to develop rules to reduce refinery emissions by 20% or as much as feasible by 2020. In December 2015, the Board approved three rules projected to reduce refining criteria pollutant emissions by 14%. In April 2016, the Board adopted a fourth rule that would reduce refining emissions by up to an additional 3%. Staff is working on two more rules that will further reduce criteria pollutant emissions from refining operations. These rules will be brought to the Board for consideration in 2018.

Risk from toxic air contaminants will be capped under proposed Rule 11-18. This rule applies to all significant, multi-category, sources of risk, including the refineries. Under proposed Rule 11-18, impacted sources will have to minimize risk from toxic air pollutants to the lowest levels feasible. Proposed Rule 11-18 is currently in the public comment period and will be brought to the Board for consideration on November 15, 2017.

Air District staff can now closely monitor crude oil properties and refinery emissions due to the Board's adoption of Rule 12-15 in April 2016. This rule requires the refineries to make historical and ongoing data about crude oil properties available to the Air District. It also requires the refineries to install and operate fence-line monitoring systems and make that information available to the public; and it increases the accuracy of the Air District's emissions inventory for the refineries. These tools, combined with community monitoring operated by the Air District, will

allow Air District staff to monitor changing crude slates and ensure that any significant changes in emissions due to changing crude slates can be identified and addressed.

DISCUSSION

Staff will provide an update on all three tools being used to protect refinery communities from air pollution. Staff will also provide an update on the next steps in the coming year and how Assembly Bill 617 will fit into and extend and strengthen these efforts.

Regarding direct regulation, staff will provide estimates of expected emission reductions from regulations already in place, including significant particulate matter reductions from fluid catalytic cracking units. Staff will also provide an updated schedule for rules that will further reduce emissions from refineries along with estimated emission reductions for those rules.

Regarding capping risk from toxic air contaminants, staff will provide an update on Rule 11-18, including changes made in response to comments from stakeholders and an estimate of the benefits of the proposed risk action levels.

Regarding refinery crude oil monitoring, staff will provide a status on the implementation of Rule 12-15 and will describe how the data collected under the rule will be used to identify any changes in emissions due to changes in crude oil properties, such as a possible switch to heavier and more sulfurous crudes from Canada or Venezuela.

Finally, staff will provide information on how the BARCT and community emission reduction plan requirements of AB 617 provide a roadmap for the next steps in reducing air emissions in refinery communities.

BUDGET CONSIDERATIONS/FINANCIAL IMPACTS

No additional costs. This is an update on ongoing activities already accounted for in the current, approved budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Greg Nudd
Reviewed by: Jean Roggenkamp

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2017

Re: Update on Assembly Bill 617 (AB 617)

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The California Legislature passed, and Governor Jerry Brown signed, a climate change package that included two separate bills - Assembly Bill 398, which extended the life of California's Cap-and-Trade program until 2030 while also making some modifications to how the Cap-and-Trade market operates; and, Assembly Bill 617, addressing concerns about local air quality by requiring:

- Additional air monitoring in impacted communities;
- A state-wide strategy to reduce toxic air contaminants and criteria pollutants in impacted communities;
- A state-wide clearing house for Best Available Retrofit Control Technology (BARCT);
- Adoption of rules requiring the latest BARCT for all criteria pollutants for which an area has not achieved attainment of California Ambient Air Quality Standards; and
- Uniform state-wide reporting of emissions inventories.

DISCUSSION

Staff will update the Board on staff's initial steps regarding AB617 implementation, including discussions with the California Air Resources Board.

BUDGET CONSIDERATIONS/FINANCIAL IMPACTS

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Eric Stevenson
Reviewed by: Jean Roggenkamp