



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS SPECIAL MEETING / RETREAT

January 29, 2020

A meeting of the Bay Area Air Quality Management District Board of Directors will be held at 10:00 a.m. at the Residence Inn by Marriott San Jose Cupertino, 19429 Stevens Creek Blvd. Cupertino, CA 95014.

Questions About an Agenda Item

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

Meeting Procedures

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

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

Public Comment Procedures

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

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

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

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

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

BOARD OF DIRECTORS SPECIAL MEETING / RETREAT AGENDA

WEDNESDAY
JANUARY 29, 2020
10:00 A.M.

RESIDENCE INN BY MARRIOTT
MONTEBELLO ROOM
19429 STEVENS CREEK BLVD.
CUPERTINO, CA 95014

CALL TO ORDER

Chairperson, Katie Rice

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

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

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

COMMENDATION/PROCLAMATION/AWARD

3. *The Board of Directors will recognize outgoing Board Chairperson Katie Rice for her outstanding leadership as Chair of the Board of Directors in 2019.*

CONSENT CALENDAR (ITEMS 4-12)

Staff/Phone (415) 749-

4. Minutes of the Board of Directors Meeting of December 4, 2019

Clerk of the Boards/5073

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

5. Board Communications Received from December 4, 2019 through January 28, 2020

J. Broadbent/5052
jbroadbent@baaqmd.gov

A copy of communications directed to the Board of Directors received by the Air District from December 4, 2019 through January 28, 2020, if any, will be at each Board Member's place.

6. Notices of Violations Issued and Settlements in Excess of \$10,000 in the months of November 2019 and December 2019

J. Broadbent/5052
jbroadbent@baaqmd.gov

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

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

J. Broadbent/5052
jbroadbent@baaqmd.gov

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

8. Consider Authorizing a California Environmental Quality Act (CEQA) Review Consultant Services Contract for the Schnitzer Steel Ocean-Going Vessels Project

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to enter into a contract with Environmental Audit, Inc., in an amount not to exceed \$168,900, for CEQA review consultant services.

9. Consider Authorizing the Executive Officer/APCO to Amend a Contract Agreement with Resolute Security Group, Inc., in an Amount Not to Exceed \$300,000

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to amend contract agreement No. 2018.277, with Resolute Security Group, Inc., in an amount not to exceed \$300,000, for security services for the Bay Area Air Quality Management District.

10. Consider Authorizing the Executive Officer/APCO to Execute a Multi-Year Contract Amendment with IT Help, LLC, in an Amount Not to Exceed \$250,000

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to execute a multi-year contract amendment, in an amount not to exceed \$250,000, for Information Technology (IT) infrastructure support and maintenance with IT Help, LLC.

11. Funding to Support the Bay Area Regional Collaborative (BARC)

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to enter into an agreement to provide funding to support the Bay Area Regional Collaborative (BARC).

12. 50th Anniversary of the Clean Air Act and Earth Day Event

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Board of Directors will consider authorizing the Executive Officer/APCO to expend an amount not to exceed \$150,000, for conferences and anniversary events.

COMMITTEE REPORTS

13. Report of the Advisory Council Meeting of December 9, 2019
BOARD LIAISON: R. Sinks

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Council received the following reports:

A) Particulate Matter (PM) Symposium Overview

1) *None; receive and file.*

B) Update on Particulate Matter (PM) Air District Work

1) *None; receive and file.*

C) Deliberation and Possible Approval on Particulate Matter (PM) Symposium Summary Report

1) *None; receive and file.*

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

14. Report of the Stationary Source Committee Meeting of December 16, 2019
CHAIR: R. Sinks

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following reports:

A) Update on the Implementation of Regulation 11, Rule 18 (Rule 11-18): Reduction of Risk from Air Toxic Emissions at Existing Facilities

1) *None; receive and file.*

B) Odor Attribution Study in the South Bay

1) *None; receive and file.*

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

15. Report of the Mobile Source Committee meeting of December 18, 2019

CHAIR: D. Canepa

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following reports:

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

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

B) Transportation Fund for Clean Air (TFCA) Program Audit #20 Results

- 1) *None; receive and file.*

C) Report on Transportation Fund for Clean Air (TFCA) Project Expenditures and Effectiveness for Fiscal Year Ending (FYE) 2019

- 1) *None; receive and file.*

D) Policy to Prohibit Use of Air District Funds on Vehicles Manufactured by Companies that Oppose California's Regulation of Light-Duty Vehicle Emissions

- 1) *Recommend the Board of Directors direct Air District staff to develop a policy that prohibits Air District incentive and general funds from being used for the purchase of light-duty vehicles manufactured by companies that oppose the State of California's right to regulate light-duty vehicle emissions.*

E) Expansion of Existing Center for Sustainable Energy (CSE) Contract

- 1) *Recommend the Board of Directors authorize the Executive Officer/APCO to increase an existing contract with CSE in an amount not to exceed \$5,000, for services performed in Fiscal Year Ending (FYE) 2019 and FYE 2020 for Electric Vehicle (EV) market research services.*

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

www.baaqmd.gov/bodagendas

16. Report of the Legislative Committee meeting of January 15, 2020
CHAIR: M. Abe-Koga

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee received the following report:

A) **2020 Legislative Briefing**

- 1) *None; receive and file.*

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

BOARD OF DIRECTORS RETREAT

17. **Opening Comments**

Chairperson, Rod Sinks

A. **State of the Air District, Air Quality Summary and the Proposed Regulatory Agenda for 2020**

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Executive Officer/APCO will address the Board of Directors regarding the state of the Air District, provide an overview of air quality in the Bay Area and discuss the proposed Regulatory Agenda for 2020.

B. **Air District Administrative Update**

J. Broadbent/5052
jbroadbent@baaqmd.gov

R. Sanders/4951
rsanders@baaqmd.gov

The Chief Administrative Officer will provide an administrative overview of the Air District.

C. **Air District Financial Overview**

J. Broadbent/5052
jbroadbent@baaqmd.gov

J. McKay/4629
jmckay@baaqmd.gov

The Chief Financial Officer will provide a financial overview of the Air District.

D. Air District Core Programs Overview

J. Broadbent/5052
jbroadbent@baaqmd.gov

W. Kino/4789
wkino@baaqmd.gov

D. Breen/5041
dbreen@baaqmd.gov

The Deputy Air Pollution Control Officers will provide an overview of the Stationary and Mobile Source programs.

E. Key Policy Initiatives

J. Broadbent/5052
jbroadbent@baaqmd.gov

G. Nudd/4786
gnudd@baaqmd.gov

The Deputy Air Pollution Control Officer will provide an overview and update on the Air District's Key Policy Initiatives.

- Community
 - Implementation of Assembly Bill (AB) 617
 - Magnet Source Authority
 - Particulate Matter (PM) Strategy

- Regional
 - Best Available Retrofit Control Technology (BARCT) Update
 - Plan Bay Area
 - California Environmental Quality Act (CEQA) Guidelines Update

- Global
 - Methane Rules
 - CO2 Strategy
 - Building Decarbonization

F. Future Efforts

J. Broadbent/5052
jbroadbent@baaqmd.gov

G. Nudd/4786
dbreen@baaqmd.gov

W. Kino/4789
wkino@baaqmd.gov

A. Abbs/8437
aabbs@baaqmd.gov

The Deputy Air Pollution Control Officers and Legislative Officer will provide an overview and update on the Air District's Key Future Efforts.

- Diversity, Equity and Inclusion Program Update
- Wildfire Strategy Update
- Legislative Efforts

G. Board Development and Committee Assignments for 2020 Chairperson, Rod Sinks

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

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

BOARD MEMBERS' COMMENTS

19. *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

20. Report of the Executive Officer/APCO
21. Chairperson's Report
22. Time and Place of Next Meeting:

Wednesday, February 19, 2020, at 375 Beale Street, San Francisco, CA 94105 at 9:30 a.m.

23. Adjournment

The Board meeting shall be adjourned by the Board Chair.

CONTACT:

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

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

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

Accessibility and Non-Discrimination Policy

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

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

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

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

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

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:

MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

JANUARY 2020

| <u>TYPE OF MEETING</u> | <u>DAY</u> | <u>DATE</u> | <u>TIME</u> | <u>ROOM</u> |
|--|------------|-------------|-------------|--|
| Board of Directors Special Meeting/Retreat | Wednesday | 29 | 10:00 a.m. | Residence Inn by Marriott San Jose/Cupertino 19429 Stevens Creek Blvd. Montebello Room Cupertino, CA 95014 |

FEBRUARY 2020

| <u>TYPE OF MEETING</u> | <u>DAY</u> | <u>DATE</u> | <u>TIME</u> | <u>ROOM</u> |
|---|------------|-------------|-------------|--|
| Board of Directors Regular Meeting - CANCELLED | Wednesday | 5 | 9:30 a.m. | 1 st Floor Board Room |
| Board of Directors Personnel Committee | Wednesday | 5 | 9:30 a.m. | 1 st Floor Board Room |
| Board of Directors Stationary Source Committee - CANCELLED | Monday | 17 | 9:30 a.m. | 1 st Floor Board Room |
| Board of Directors Regular Meeting | Wednesday | 19 | 9:30 a.m. | 1 st Floor Board Room |
| Board of Directors Climate Protection Committee | Thursday | 20 | 9:30 a.m. | 1 st Floor Board Room |
| Board of Directors Budget & Finance Committee | Wednesday | 26 | 9:30 a.m. | 1 st Floor Yerba Buena Room |
| Board of Directors Legislative Committee | Wednesday | 26 | 10:30 a.m. | 1 st Floor Yerba Buena Room |
| Board of Directors Mobile Source Committee | Thursday | 27 | 9:30 a.m. | 1 st Floor Board Room |

MARCH 2020

| <u>TYPE OF MEETING</u> | <u>DAY</u> | <u>DATE</u> | <u>TIME</u> | <u>ROOM</u> |
|---|------------|-------------|-------------|---|
| Board of Directors Regular Meeting | Wednesday | 4 | 9:30 a.m. | 1 st Floor Board Room |
| Advisory Council Special Meeting - PM Symposium | Tuesday | 24 | 9:00 a.m. | Oakland Marriott City Center 1001 Broadway, Oakland CA |
| Board of Directors Budget & Finance Committee | Wednesday | 25 | 9:30 a.m. | 1 st Floor Yerba Buena Room |
| Board of Directors Legislative Committee | Wednesday | 25 | 10:30 a.m. | 1 st Floor Yerba Buena Room |
| Board of Directors Mobile Source Committee | Thursday | 26 | 9:30 a.m. | 1 st Floor Board Room |

VJ - 1/24/2020 - 4:50 PM

G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

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

RECOMMENDED ACTION

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

DISCUSSION

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

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

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

AGENDA 4A – ATTACHMENT

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

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

Board of Directors Regular Meeting
Wednesday, December 4, 2019

DRAFT MINUTES

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

CALL TO ORDER

1. **Opening Comments:** Board of Directors (Board) Chairperson, Katie Rice, called the meeting to order at 9:35 a.m.

Roll Call:

Present: Chairperson Katie Rice; Vice Chairperson Rod Sinks; Secretary Cindy Chavez; and Directors Teresa Barrett, John J. Bauters, David J. Canepa, Pauline Russo Cutter, John Gioia, Scott Haggerty, David Hudson, Davina Hurt, Tyrone Jue, Liz Kniss, Gordon Mar, Mark Ross, Jim Spering, Brad Wagenknecht, and Shamann Walton.

Absent: Directors Margaret Abe-Koga, Carole Groom, Nate Miley, Karen Mitchoff, Lori Wilson, and Shirlee Zane.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

No requests received.

NOTED PRESENT: Secretary Chavez was noted present at 9:38 a.m.

CONSENT CALENDAR (OUT OF ORDER, ITEMS 4 -10)

3. Minutes of the Board of Directors Regular Meeting of November 20, 2019
4. Board Communications Received from November 20, 2019 through December 3, 2019
5. Notices of Violations Issued and Settlements in Excess of \$10,000 in October 2019
6. Proposed Regulatory Agenda for 2020
7. Authorization to Amend a Contract with Mark Kadash and Associates
8. Authorization to Execute a Contract for Organizational Development and Employee Engagement Services

9. Acceptance and Award of Grant Funding

Public Comments

No requests received.

Board Comments

None.

Board Action

Director Wagenknecht made a motion, seconded by Director Hudson, to **approve** the Consent Calendar Items 4 through 10, inclusive; and the motion **carried** by the following vote of the Board:

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

COMMITTEE REPORTS

10. **Report of the Budget and Finance Committee Meeting of November 25, 2019 (ITEM 11)**

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

The Committee met on Monday, November 25, 2019, and approved the minutes of April 22, 2019.

The Committee reviewed and discussed the staff presentation Fourth Quarter Financial Report – Fiscal Year Ending June 2019.

The Committee reviewed and discussed the staff presentation First Quarter Financial Report – Fiscal Year Ending 2020.

Finally, the Committee reviewed and discussed the staff presentation California Employers' Pension Prefunding Trust Participation and Consideration to Recommend Adoption. Air District staff presented three potential strategies on how to pay down long-term liabilities for its California Public Employees' Retirement System Pension, with a possible recommendation for use of the California Employers' Pension Prefunding Trust Program administered by the California Public Employees Retirement System to Pre-fund Pension Obligations. The Committee chose to delay action on that recommendation so that staff can hold additional meetings with representatives from several Section 115 Trust options and present more details of those programs.

The next meeting of the Budget and Finance Committee will be held on Wednesday, February 26, 2020, at 9:30 a.m. This concludes the Chair Report of the Budget and Finance Committee.

Public Comments

No requests received.

Board Comments

None.

Board Action

None; receive and file.

11. Report of the Legislative Committee Meeting of November 25, 2019 (ITEM 12)

Legislative Committee Vice Chair, John J. Bauters, read the following Committee report:

The Legislative Committee met on Monday, November 25, 2019, and approved the minutes of October 9, 2019.

The Committee then discussed the Air District's 2019 Budget priorities, including potential bond ballot measures for 2020; Assembly Bill 617 funding for implementation and incentives (Community Air Protection Program); reductions in the California's Cap-and-Trade's Greenhouse Gas (GHG) Reduction Fund; and Assembly Bill 836 funding (Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program.)

Finally, the Committee received an update on the Air District's legislative priorities for 2020, including the possible legislation to provide additional indirect source authority over mobile sources, and the pursuit of ways to address a current lack of oversight of private and charter school construction.

The next meeting of the Legislative Committee will be at the Call of the Chair. This concludes the Chair's report of the Legislative Committee.

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

Public Comments

No requests received.

Board Comments

None.

Board Action

None; receive and file.

12. Report of the Climate Protection Committee Meeting of December 2, 2019 (ITEM 13)

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

The Climate Protection Committee met on Monday, December 2, 2019, and approved the minutes of June 10, 2019, and of September 19, 2019.

The Committee received and discussed the staff presentation Air District Building Decarbonization Program.

The Committee then received and discussed the presentation Marin County Low-Carbon Concrete Ordinance, presented by Alice Zanmiller, from the County of Marin's Community Development Agency.

Finally, the Committee received and discussed the presentation Building Electrification Trends and Opportunities, presented by Panama Bartholomy, Director of the Building Decarbonization Coalition.

The next meeting of the Climate Protection Committee will be held Thursday, February 20, 2020, at 9:30 a.m. This concludes the Chair report of the Climate Protection Committee.

NOTED PRESENT: Director Walton was noted present at 9:41 a.m.

Public Comments

No requests received.

Board Comments

The Board and staff discussed the difference between carbon emission levels from the act of constructing buildings and those from buildings that aim to be carbon-neutral, and the request that this topic be discussed at a future Committee meeting; and the funding awarded to Marin County through the Air District's Climate Protection Grant Program to help establish the County's Low-Carbon Concrete Ordinance, the status of this ordinance, and the feasibility of low-carbon concrete in Bay Area pilot projects.

Board Action

None; receive and file.

NOTED PRESENT: Director Ross was noted present at 9:45 a.m.

COMMENDATION/PROCLAMATION/AWARD

13. Recognition of Assemblymember Buffy Wicks (ITEM 3)

The Board and Air District staff recognized Assemblymember Buffy Wicks for her service, leadership, and dedication in sponsoring AB 836 (Wildfire Smoke Clean Air Centers for Vulnerable Populations Incentive Pilot Program), noting that Assemblymember Wicks was brand new to the Assembly, and did not even have her staffing confirmed, when she committed to champion this bill.

Public Comments

No requests received.

Board Comments

Various Board members expressed their gratitude towards Assemblymember Wicks.

Board Action

None; receive and file.

NOTED PRESENT: Director Cutter arrived at 9:55 a.m.

PUBLIC HEARING

14. Public Hearing to Consider Adoption of Proposed Amendments to Regulation 12: Miscellaneous Standards of Performance, Rule 15: Petroleum Refining Emissions Tracking; and Approval of Filing a Notice of Exemption from the California Environmental Quality Act (CEQA)

Damian Breen, Deputy Air Pollution Control Officer of Technology, introduced Mark Gage, Air Quality Engineer, who gave the staff presentation *Public Hearing to Consider Adoption of Proposed Amendments to Regulation 12: Miscellaneous Standards of Performance, Rule 15: Petroleum Refining Emissions Tracking; and Approval of Filing a Notice of Exemption from the California Environmental Quality Act (CEQA)*, including: current annual emissions inventories; basis for change; proposed emissions reporting requirements; rule development; Air District impact; California Environmental Quality Act; and recommended actions.

Public Comments

Public comments were given by Bob Brown, Western States Petroleum Association (WSPA); and Jed Holtzman, 350 Bay Area.

Board Comments

The Board and staff discussed the Air District’s Stationary Source Committee’s support of the recommendation that Air District emissions reporting deadlines coordinate with those of state-level regulations; WSPA’s request to modify the proposed regulation to delay implementation by one year, and the Air District’s response to that request; which party serves as the arbiter regarding inventory discrepancies submitted by facilities regulated under the Cap and Trade program; existing penalties for facilities’ non-compliance with submission deadlines; and varying Air District staff-proposed reporting deadlines for Criteria Pollutants and Toxic Air Contaminants and the consideration of anticipated burden on facilities.

Board Action

Vice Chair Sinks made a motion, seconded by Director Gioia, to **adopt** the proposed amendments to Regulation 12: Miscellaneous Standards of Performance, Rule 15: Petroleum Refining Emissions Tracking that would become effective immediately; and **approve** the filing of a Notice of Exemption from the California Environmental Quality Act; and the motion **carried** by the following vote of the Board:

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

PRESENTATION

15. Climate Protection Update

Jack P. Broadbent, Executive Officer/Air Pollution Control Officer, introduced Abby Young, Climate Protection Manager, who gave the staff presentation *Climate Protection Update*, including: recent climate studies; impacts in the Bay Area; California’s response; meeting the 2020 target; getting to 2050; strategic approach; methane rule development; key initiatives; and moving forward.

Public Comments

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

Board Comments

The Board and staff discussed factors that have caused fluctuations in levels of GHG emissions over decades; the need for smaller cities to receive technical assistance in targeting pollutants; the extent to which the Air District should be able to regulate commercial and residential use of backup diesel generators; the anticipated demand for electric vehicle (EV) charging stations and battery storage; the request that the Board receives regular updates about the progress of the Air District’s Diesel Free by ‘33 initiative; Bay Area GHG emissions versus statewide GHG emissions; the suggestion that the Air District collects data on the impact that telecommuting has on vehicle miles traveled and best travel-

demand-management practices for employers; the suggestion that the Air District makes available financial incentives for schools to get students to walk, rather than be transported in motor vehicles; the suggestion that the Air District collaborates with the Metropolitan Transportation Commission to create subsidies for more frequent bus availability to increase ridership; the need to increase the number of EV supercharging stations in the Bay Area to reduce range anxiety; the suggestion that the Air District officially prioritizes climate protection activities and racial equity in disadvantaged communities; the request that Air District staff prioritize the targets established in the Air District's *2017 Clean Air Plan*, and assigns dates to those programs and projects that currently lack target dates; the suggestion that providing matching funds for bicycle and transit improvement projects may incentivize jurisdictions; a request for a status update on the Air District's Clean Cars for All program; the request that the Board and Air District staff discuss preventative actions that can be taken to reduce emissions (i.e., clearing brush, improved distribution of jobs and housing, identify deficiencies in public transit systems and subsequent low ridership, identify factors that force people to drive, staggering operational hours of various industries to relieve traffic congestion, and charging grids for heavy-duty vehicles); finding a balance between positive and negative perspectives regarding the future of air quality and climate change; the need for stronger regional collaboration; the suggestion that more stringent penalties be imposed on Spare the Air days; persisting challenges in improving first/last mile connections to transit; the suggestion that healthy lifestyles and methods of active transportation be rewarded, versus incentivizing new technologies that require changes in behavior; and the Air District's Commuter Benefits program, an update on which Air District staff plan to bring to the Board at a future meeting.

Board Action

None; receive and file.

PUBLIC COMMENT ON NON-AGENDA MATTERS

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

No requests received.

BOARD MEMBERS' COMMENTS

17. Board Members' Comments

Director Sperling, in his capacity as Personnel Committee Chair, requested that Board members submit their Air District Executive evaluations to him as soon as possible, or otherwise communicate that they did not plan to submit one.

Director Hudson asked when the Port of Oakland's equipment and fleet will become electrified.

Director Hudson asked how the Air District is educating the public about grant opportunities for various electrification improvement projects.

Vice Chair Sinks reported that the Air District is one of several plaintiffs that have taken legal action against the Lehigh Cement Company, LLC, at the request of the U.S Environmental Protection Agency. The Plaintiffs seek an injunction ordering Lehigh to substantially reduce, and mitigate past excess emissions of, their emissions of sulfur dioxide and nitrogen oxides at their Portland cement manufacturing plants in the United States, one of which is located in Cupertino.

OTHER BUSINESS

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

Mr. Broadbent discussed the following:

- Vanessa Johnson, Manager of Executive Operations, initiated the extension of the Board member compensation program, making it possible for Board members to be reimbursed for using active transportation methods to get to and from Air District meetings subject to the Ralph M. Brown Act.
- A summary of ozone seasons and current winter Particulate Matter_{2.5} (Spare the Air) seasons was displayed.
- Brian Bungler, District Counsel, was elected President-Elect of the Air and Waste Management Association for 2020 and will be President in 2021.
- The retirement of Eric Stevenson, former Director of Meteorology and Measurement, was announced. Mr. Stevenson was recognized for his many years of service.
- Greg Nudd, Deputy Air Pollution Control Officer gave additional comments about the lawsuit against Lehigh Cement Company, LLC, noting that the development of this litigation began in 2015.

19. Chairperson's Report

Chair Rice announced that the next Board meeting will be the annual Board of Directors Retreat in Cupertino. Mr. Broadbent added that although the retreat was originally scheduled for January 15, 2020, Air District staff requested that it instead be held on January 29, 2020. He added that, prior to January 29, 2020, the Legislative Committee will conduct a meeting in Sacramento.

20. Time and Place of Next Meeting

Wednesday, January 29, 2020, Residence Inn by Marriott, 19429 Stevens Creek Blvd. Montebello Room, Cupertino, CA 95014, at 10:00 a.m.

21. Adjournment

The meeting adjourned at 12:01 p.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Board Communications Received from December 4, 2019 through January 28, 2020

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Copies of communications directed to the Board of Directors received by the Air District from December 4, 2019 through January 28, 2020, if any, will be at each Board Member's place at the January 29, 2020, Special Board Meeting/Retreat.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Notices of Violations Issued and Settlements in Excess of \$10,000 in the months of
November 2019 and December 2019

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

In accordance with Resolution No. 2012-08, attached to this memorandum is a listing of all Notices of Violations issued, and all settlements for amounts in excess of \$10,000 during the calendar months prior to this report.

BUDGET CONSIDERATION/FINANCIAL IMPACT

The amounts of civil penalties collected are included in the Air District's general fund budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Brian C. Bungler

Attachment 6A: Notices of Violations for the Month of November 2019

Attachment 6B: Notices of Violations for the Month of December 2019

NOTICES OF VIOLATIONS ISSUED

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

| Alameda | | | | | | |
|-----------------------------|---------------|-------------|--------------|----------------------|-------------------|--|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Au Energy, LLC | Z1937 | Fremont | A59256A | 11/6/2019 | 8-7-302.3 | Failure to retest #7/8 V/L failed 2/13/19 |
| Au Energy, LLC | Z1937 | Fremont | A59256B | 11/6/2019 | 8-7-302.2 | Missing 2x security locks on Healy tank (After NTC# A46985 issued) |
| Irvington Memorial Cemetery | A4134 | Fremont | A57023A | 11/25/2019 | 2-1-307 | Limit Exceeded PC#13717-2 |

| Contra Costa | | | | | | |
|--|---------------|-------------|--------------|----------------------|-------------------|--|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58893A | 11/25/2019 | 2-6-307 | Bypass vent at hearth furnace (45 seconds) |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58893B | 11/25/2019 | 10 | CFR 40 Part 62 Subpart LLL 62.15955 Table 3; Deviation #5640 |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58894A | 11/25/2019 | 2-6-307 | Bypass event at hearth furnace (77 seconds) |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58894B | 11/25/2019 | 10 | CFR 40 Part 62 Subpart LLL 62.15955 Table 3; Deviation 5658 |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58895A | 11/25/2019 | 2-6-307 | Bypass event at hearth furnace (83 seconds) |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58895B | 11/25/2019 | 10 | CFR 40 Part 62 Subpart LLL 62.15955 Table 3; Deviation #5683 |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58896A | 11/25/2019 | 2-6-307 | Three (3) bypass events at hearth furnace (260 seconds) |

| | | | | | | |
|--|-------|-----------|---------|------------|----------|--|
| Central Contra Costa Sanitary District | A0907 | Martinez | A58896B | 11/25/2019 | 10 | CFR 40 Part 62 Subpart LLL 62.15955 Table 3; Deviation #5689 |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58897A | 11/25/2019 | 2-6-307 | Hourly fuel flow rate >27 mmbtu/hr; Episode 07P34; Deviation #5684 |
| Central Contra Costa Sanitary District | A0907 | Martinez | A58897B | 11/25/2019 | 10 | CFR 40 Part 62 Subpart LLL 62.15955 Table 3; Deviation #5658 |
| Chevron Products Company | A0010 | Richmond | A59412A | 11/4/2019 | 2-6-307 | 07L12 PC#11066 TR sets |
| Chevron Products Company | A0010 | Richmond | A59413A | 11/4/2019 | 2-6-307 | 07L28 PC#11066 TR sets |
| Chevron Products Company | A0010 | Richmond | A59414A | 11/4/2019 | 9-1-307 | Episode# 07L55SO2 > 250 ppm / 1 hr avg |
| Chevron Products Company | A0010 | Richmond | A59415A | 11/4/2019 | 9-1-307 | Episode# 07L56 SO2 > 250 ppm / 1 hr avg |
| Lennar Homes of California | Z6568 | San Ramon | A58087A | 11/25/2019 | 10 | Failure to conduct air monitoring during earth disturbing activity per ADMP RIN-0149 |
| Lennar Homes of California | Z6568 | San Ramon | A58088A | 11/25/2019 | 10 | Failure to adequately wet soil containing NOA per ADMP RIN-0149 |
| Lennar Homes of California | Z6568 | San Ramon | A58086A | 11/25/2019 | 10 | Failure to notify when air monitoring was stopped per the ADMP RIN-0149 |
| Phillips 66 Company - San Francisco Refinery | A0016 | Rodeo | A58348A | 11/12/2019 | 8-18-309 | Unsealed OEL |
| Phillips 66 Company - San Francisco Refinery | A0016 | Rodeo | A58346A | 11/21/2019 | 10 | Deviation #5615, heat exchanger not sampled |
| Phillips 66 Company - San Francisco Refinery | A0016 | Rodeo | A58350A | 11/21/2019 | 2-1-307 | Failure to comply w/ PC# 18629-IX-D (3) |

| | | | | | | |
|--|-------|-----------|---------|------------|------------|---|
| Phillips 66 Company - San Francisco Refinery | A0016 | Rodeo | A58349A | 11/21/2019 | 10 | Flare NHVcz less than 270 Btu/SCF (15 min) |
| USS-POSCO Industries | A2371 | Pittsburg | A58269A | 11/18/2019 | 2-6-307 | Failure to comply with p/c #20781 subpart 2 |
| Valero Marketing & Supply Co. | Z7056 | Danville | A59257A | 11/12/2019 | 2-1-307 | No current record of annual source test |
| West Contra Costa County Landfill | A1840 | Richmond | A59007A | 11/7/2019 | 8-34-301.1 | Abatement system down due to power fail |

| Marin | | | | | | |
|------------------------------|--------|------------|---------|---------------|------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Salkhi Family Holdings, Inc. | Z7036 | San Rafael | A59260A | 11/13/2019 | 8-7-302.1 | Uncertified Breakaways on Pumps 2, 4, & 8 |
| Salkhi Family Holdings, Inc. | Z7036 | San Rafael | A59260B | 11/13/2019 | 2-1-307 | No record of phase II source tests since 2017 |

| San Francisco | | | | | | |
|---------------------------|--------|---------------|---------|---------------|------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Canadian-American Oil Co. | Z7033 | San Francisco | A59259A | 11/7/2019 | 2-1-307 | Torque/Drop tube tests overdue (last tested 8/4/16) |

| San Mateo | | | | | | |
|-------------------------|--------|---------------------|---------|---------------|------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Chico's Service Station | Z4883 | South San Francisco | A59303A | 11/26/2019 | 2-1-307 | 2019 source test missing/not conducted |
| DPR Construction | Z6041 | Redwood City | A59157A | 11/14/2019 | 11-2-401.5 | Failure to revise start date |
| Olympic | Z6948 | San Mateo | A58826A | 11/6/2019 | 2-1-302 | Four (4) diesel nozzles observed only two (2) diesels permitted |

| | | | | | | |
|---|-------|--------------|---------|------------|-----------|---|
| Sutter Bay Hospitals dba Mills-Peninsula Health | B0327 | San Mateo | A59503A | 11/25/2019 | 2-1-307 | Failure to meet P/C #25576 - #3; NTV-2196 |
| Union 76 | Z7055 | San Mateo | A58827A | 11/20/2019 | 8-7-301.1 | Uncertified vapor dust cap on 91 grade |
| Union 76 S/S R3025 | J3658 | Redwood City | A59304A | 11/27/2019 | 2-1-301 | Phase I modification VR101 to VR102 without A/C |
| Whipple Arco | Z7000 | Redwood City | A58825A | 11/5/2019 | 8-7-301.2 | Missing gasket on fill & vapor 87 grade caps |

| Santa Clara | | | | | | |
|-----------------------------------|---------------|-------------|--------------|----------------------|-------------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Gavilan College | A9111 | Gilroy | A59384A | 11/14/2019 | 8-7-301.1 | Non-certified phase ISLC |
| Granite Rock Company | A0651 | San Jose | A58758B | 11/4/2019 | 2-1-302 | No P/O for railcar unloading operations |
| Granite Rock Company | A0651 | San Jose | A58758A | 11/4/2019 | 2-1-301 | No A/C for railcar unloading operations |
| Granite Rock Company | A0651 | San Jose | A58757B | 11/4/2019 | 2-1-302 | No A/C or P/O for cement holding tank |
| Granite Rock Company | A0651 | San Jose | A58757A | 11/4/2019 | 2-1-301 | No A/C or P/O for cement holding tank |
| International Disposal Corp of CA | A9013 | Milpitas | A58202A | 11/6/2019 | 8-34-301.1 | Failure to operate LFGCCS continuously RCA# 07N77, did not report immediately |
| International Disposal Corp of CA | A9013 | Milpitas | A59430A | 11/6/2019 | 8-34-301.1 | Failure to operate LFGCCS continuously RCA# 07N91, did not repair immediately |
| S J Valley Plating, Inc. | A5079 | Santa Clara | A58380A | 11/14/2019 | 10 | ATCM Title 17 - 93105.5(b)2-year training requirement |
| S J Valley Plating, Inc. | A5079 | Santa Clara | A58381A | 11/14/2019 | 2-1-301 | Unpermitted 54hp Generator |

| | | | | | | |
|---|-------|-------------|---------|------------|-----------|--|
| S J Valley Plating, Inc. | A5079 | Santa Clara | A58381B | 11/14/2019 | 2-1-302 | Unpermitted 54hp Generator |
| San Jose-Santa Clara Regional Wastewater Facility | A0778 | San Jose | A59429A | 11/5/2019 | 2-1-301 | No A/C or P/O for digester gas holder |
| San Jose-Santa Clara Regional Wastewater Facility | A0778 | San Jose | A59429B | 11/5/2019 | 2-1-302 | No A/C or P/O for digester gas holder |
| Shell Oil Company | A8454 | San Jose | A59385A | 11/27/2019 | 8-7-301.5 | Phase 1 Not maintained per torque Failed District ST#20049 |

| Sonoma | | | | | | |
|---|---------------|-------------|--------------|----------------------|-------------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Alluxa, Inc. | E1112 | Santa Rosa | A59206A | 11/15/2019 | 2-1-307 | Acetone limit exceedance -P/C 26081 |
| City of Santa Rosa | B9231 | Santa Rosa | A59208A | 11/25/2019 | 2-1-307 | P/C 22806 - hour limit exceeded |
| Lou Saare Body Shop | A6198 | Santa Rosa | A59209A | 11/26/2019 | 2-1-302 | Permit expired since January 2019 |
| Santa Rosa Water - Laguna Treatment Plant | A1403 | Santa Rosa | A59207A | 11/21/2019 | 2-6-307 | P/C 18871 part 5 - H2S limit exceedance |

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There were two (2) settlements for \$10,000 or more completed in November 2019.

- 1) On November 4, 2019, the Air District reached settlement with Zero Waste Energy Development Company, LLC, for \$21,000, regarding the allegations contained in the following 11 Notices of Violations:

| NOV # | Issuance Date | Occurrence Date | Regulation | Comments from Enforcement |
|--------------|----------------------|------------------------|-------------------|--|
| A55658A | 4/13/2017 | 8/21/2015 | 2-1-307 | S# 1-7: pH 1.5-pH 4.0 Not maintained; Episode ID A6W02 |
| A55686A | 12/28/2016 | 11/11/2016 | 2-1-307 | Linked to episode #07A82, #07A95, #07A96, #07B06 |
| A55690A | 3/1/2017 | 11/10/2016 | 2-1-307 | Violation of PC #26393- #52 & 53. Exceeded 10 Mbar limit & failure to report RCA |
| A55691A | 3/1/2017 | 1/1/2017 | 2-1-307 | Violation of PC #26393 #52,52 &60. Linked to RCA #07B66, #07B86, #07C01 |
| A55692A | 3/1/2017 | 2/16/2017 | 2-1-301 | Outside Composting Operations - No authority to construct. |
| A55692B | 3/1/2017 | | 2-1-302 | Outside Composting Operations |
| A55694A | 5/1/2017 | 3/22/2017 | 2-1-307 | Violation of PC#26393 #52&53 linked RCA #07C65, #07C69, #07C80, #0C89, #07C85 |
| A55695A | 6/21/2017 | 5/21/2017 | 2-1-307 | Violation of PC #26393, #52 and #53, two (2) overpressure events linked to RCA #07D43 and #07D61 |
| A55697A | 7/11/2017 | 6/20/2017 | 2-1-307 | Two (2) overpressure events. Linked to RCA#07D70 and #07D71 |
| A55697B | 7/11/2017 | 6/20/2017 | 1-523.3 | |
| A55699A | 8/22/2017 | 7/15/2017 | 2-1-307 | Failure to meet permit condition. Three (3) overpressure events (RCA#07D91, #07D92, #07D96) |
| A55699B | 8/22/2017 | 7/15/2017 | 1-523.3 | Failed to report RCA within 96 hrs |
| A55700A | 10/3/2017 | 8/12/2017 | 2-1-307 | Twp (2) overpressure events episodes # 07E09 and 07R40. Violation PC#26393 #52#53 |
| A55702A | 12/6/2017 | 11/12/2017 | 2-1-307 | PC# 26393- #52 and #53-1 over pressure event. RCA #07F37 |

2) On November 15, 2019, the Air District reached settlement with Sonoma Developmental Center for \$56,100, regarding the allegations contained in the following seven (7) Notices of Violations:

| NOV # | Issuance Date | Occurrence Date | Regulation | Comments from Enforcement |
|--------------|----------------------|------------------------|-------------------|---|
| A55782A | 6/7/2017 | 3/9/2016 | 9-7-307 | 9-7-307.5 NOx emissions >15 ppm @ 3% O2 |
| A56090A | 1/12/2017 | 12/31/2012 | 9-7-403 | Failure to perform source test |
| A56090B | 1/12/2017 | 12/31/2012 | 9-7-506 | Failure to perform emissions test |
| A56091A | 1/12/2017 | 12/31/2013 | 9-7-403 | Failure to perform source test |
| A56091B | 1/12/2017 | 12/31/2013 | 9-7-506 | Failed to perform annual emissions test in 2015 |
| A56092A | 1/12/2017 | 12/31/2014 | 9-7-403 | Failure to perform source test |
| A56092B | 1/12/2017 | 12/31/2014 | 9-7-506 | Failed to perform emissions test |
| A58159A | 4/10/2019 | 1/29/2018 | 9-7-307.3 | Failure to comply with AD oxides of nitrogen (NOx) limits. Source Test number NTV-2182 NST-4847 |
| A58160A | 4/10/2019 | 1/29/2019 | 9-7-307.3 | Failure to comply with AD oxides of nitrogen (NOx) limits. Source Test Number NTV-2183 NST-4847 |
| A58161A | 4/10/2019 | 1/29/2018 | 9-7-307.3 | Failure to comply with AD oxides of nitrogen (NOx) limits. Source Test Number NTV-2184 NST-4847 |

NOTICES OF VIOLATIONS ISSUED

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

| Alameda | | | | | | |
|-----------------------------|---------------|-------------|--------------|----------------------|-------------------|--|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Hayward Area RPD | V3600 | Hayward | A59160A | 12/18/2019 | 11-2-401.5 | Failure to revise start date |
| NorthStar Contracting Group | Z7143 | Hayward | A59460A | 12/19/2019 | 11-2-401.5 | Failure to revise |
| PW Stephens, Inc. | Y0778 | Hayward | A58669A | 12/10/2019 | 11-2-401.5 | Failure to revise |
| R & B Equipment, Inc. | N4180 | Hayward | A58595A | 12/2/2019 | 11-2-401.5 | Inaccurate state date |
| Synergy Enterprises | L3268 | Hayward | A59158A | 12/2/2019 | 11-2-303.6 | No viewports |
| Synergy Enterprises | L3268 | Hayward | A59158B | 12/2/2019 | 11-2-303.9 | No onsite supervisor |
| V V Collision Center | B1541 | Hayward | A58780A | 12/11/2019 | 2-1-302 | Operating with expired P/O since Nov. 2018 |

| Contra Costa | | | | | | |
|-----------------------|---------------|-------------|--------------|----------------------|-------------------|--------------------------------|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Chemtrade West US LLC | A0023 | Richmond | A57900A | 12/4/2019 | 2-6-307 | Failure to meet P/C 20509 PT 3 |
| Chemtrade West US LLC | A0023 | Richmond | A57900B | 12/4/2019 | 10 | Failure to meet P/C 20509 PT 3 |
| Chemtrade West US LLC | A0023 | Richmond | A57901A | 12/4/2019 | 1-522.5 | No daily O2 calibrations |

| | | | | | | |
|---|-------|-----------|---------|------------|------------|---|
| Chemtrade West US LLC | A0023 | Richmond | A57901B | 12/4/2019 | 1-522.6 | Not in 20% accuracy. CEM |
| Chemtrade West US LLC | A0023 | Richmond | A57902A | 12/4/2019 | 2-6-307 | P/C 19267 pt 5 |
| Chemtrade West US LLC | A0023 | Richmond | A59528A | 12/4/2019 | 2-6-307 | P/C 19267 pt 5 |
| Chemtrade West US LLC | A0023 | Richmond | A59529A | 12/4/2019 | 2-6-307 | A-6 failed to start (Dev 5428) P.C. 205 |
| Chemtrade West US LLC | A0023 | Richmond | A59530A | 12/4/2019 | 1-522.5 | Failed CEM 02 calibration |
| Clean Harbors Industrial Services, Inc. | B6381 | Martinez | A59335A | 12/5/2019 | 2-1-307 | Failed source test # NTV-2206 - NST-5151 (77% POC Destruction Efficiency) |
| Cutting Mini Market (ARCO) | W2547 | Richmond | A59266A | 12/17/2019 | 2-1-302 | Expired permit since 09/01/18 |
| Garrison Demolition Engineering | Z7139 | San Ramon | A55944A | 12/4/2019 | 11-2-401.5 | Failure to update start date. J# ASB111279 |
| MSE Environmental | Z7048 | Martinez | A58668A | 12/2/2019 | 11-2-303.6 | No viewport |
| Top Food and Gas | Z4346 | San Pablo | A59265A | 12/17/2019 | 2-1-302 | Expired permit since 11-1-18 |

| Marin | | | | | | |
|--------------------------|---------------|-------------|--------------|----------------------|-------------------|--|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Novato Sanitary District | A1275 | Novato | A58169A | 12/30/2019 | 2-1-307 | Reportable compliance activity (RCA) 07Q94 |

| Napa | | | | | | |
|--------------------|---------------|-------------|--------------|----------------------|-------------------|--|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Rombauer Vineyards | E3899 | Napa | A56446A | 12/17/2019 | 2-1-307 | COMP-26706; part-3 digester gas > 1500 PPMV Total sulfur/ (NTV-2185) |

| San Francisco | | | | | | |
|----------------------|---------------|---------------|--------------|----------------------|-------------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Gas and Shop | Z7057 | San Francisco | A59305A | 12/3/2019 | 8-7-301.6 | Failure to maintain pH system in proper operating condition |
| Gas and Shop | Z7057 | San Francisco | A59305B | 12/3/2019 | 8-7-302.5 | 2" static pressure fail (pHII) ST# 20061, ST# 20062 |

| San Mateo | | | | | | |
|--------------------------|---------------|---------------------|--------------|----------------------|-------------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Bancroft Gas Corp. | Z7078 | South San Francisco | A59261A | 12/5/2019 | 8-7-301.5 | Failed district source tests for torque & drop tube |
| Bancroft Gas Corp. | Z7078 | South San Francisco | A59261B | 12/5/2019 | 8-7-301.6 | Failed district source tests for torque & drop tube |
| Bancroft Gas Corp. | Z7078 | South San Francisco | A59262A | 12/5/2019 | 8-7-302.5 | Failed district source tests for static pressure & flow meter operability |
| Bancroft Gas Corp. | Z7078 | South San Francisco | A59262B | 12/5/2019 | 8-7-302.3 | Failed district source tests for static pressure & flow meter operability |
| Bancroft Gas Corp. | Z7078 | South San Francisco | A59263A | 12/5/2019 | 8-7-301.2 | Failure to repair 87 drain valve/fill cap & submit throughput data (after NTC#A46986) |
| Bancroft Gas Corp. | Z7078 | South San Francisco | A59263B | 12/5/2019 | 8-7-503.1 | Failure to repair 87 drain valve/fill cap & submit throughput data (after NTC#A46986) |
| Redwood City Hotels, LLC | E2919 | Redwood City | A59504A | 12/16/2019 | 2-1-302 | Expired permit since 2/20/2018 |
| West Valley Construction | Z7126 | Redwood City | A59306A | 12/23/2019 | 2-1-301 | No source test avail. (Annual) 2017, 2018, 2019 (ST 30/38) |

| Santa Clara | | | | | | |
|--|---------------|-------------|--------------|----------------------|-------------------|--|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Checkers Auto & Gas | Z7142 | San Jose | A59388A | 12/13/2019 | 2-1-307 | No 2017, 2018, 2019 STs |
| City of San Jose (Singleton Road Landfill) | A4175 | San Jose | A58759A | 12/11/2019 | 2-1-307 | S-1 did not operate at least at 8 hr. / day per pc #17547 |
| Midpeninsula Open Space | Z7064 | Los Altos | A58596A | 12/4/2019 | 11-2-401.5 | Inaccurate start date |
| The Garlic Farm Center | V8265 | Gilroy | A59386A | 12/3/2019 | 8-7-301.5 | Failure to maintain phase I and II in proper operating condition ST#20003-Torque |
| The Garlic Farm Center | V8265 | Gilroy | A59386B | 12/3/2019 | 8-7-301.6 | ST# 200004- drain valve assembly |
| The Garlic Farm Center | V8265 | Gilroy | A59386C | 12/3/2019 | 8-7-302.5 | 2" static pressure per ST# 20005 |
| The Home Depot (Store #6621) | B7731 | San Jose | A58760A | 12/17/2019 | 2-1-307 | S-2 exceeded 34 hr./yr. usage limit per PC#22851 |
| The Home Depot (Store #6621) | B7731 | San Jose | A58761A | 12/17/2019 | 2-1-307 | S-3 exceeded 50 hourly usage limits per PC#22850 |
| Z-Con Specialty Services | X6862 | San Jose | A58597A | 12/11/2019 | 11-2-401.5 | Inaccurate start date, start date revised to 1/6/2020 |

| Solano | | | | | | |
|-------------------------------------|---------------|-------------|--------------|----------------------|-------------------|--|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Safeway, Inc. #1631 | E2817 | Vallejo | A56447A | 12/30/2019 | 9-8-330.3 | Engine operated > 50 hours in calendar year 2019 |
| Solano County Facilities Operations | A1995 | Fairfield | A56048A | 12/12/2019 | 2-1-307 | Failed source test #20071 |

| | | | | | | |
|--------------------------------------|-------|-----------|---------|------------|---------|---|
| Solano County Facilities Operations | A1995 | Fairfield | A56048B | 12/12/2019 | 9-8-301 | Failed source test #20071 |
| Solano County Facilities Operations | A1995 | Fairfield | A56049A | 12/12/2019 | 2-1-307 | Failed Source Test #20070 |
| Valero Refining Company - California | B2626 | Benicia | A58996A | 12/5/2019 | 2-6-307 | P/C# 10574.24 episode #07M18 CO 8-hour average limit of 28 PPMV @ 3% O2 exceeded. |
| Valero Refining Company - California | B2626 | Benicia | A58997A | 12/5/2019 | 2-6-307 | P/C# 19177.196 episode 07K22 NOx three-hour average limit 2.5 ppm @ 15% O2 exceeded |
| Valero Refining Company - California | B2626 | Benicia | A58998A | 12/5/2019 | 2-6-307 | P/C# 19177.196 episode 07J91 NOx three-hour average limit 2.5 ppm @ 15% O2 exceeded |
| Valero Refining Company - California | B2626 | Benicia | A58999A | 12/5/2019 | 2-6-307 | P/C# 19177.190 episode 07J90 CO three-hour average limit of 6 ppm @ 15% O2 exceeded |

| Sonoma | | | | | | |
|------------------|---------------|-------------|--------------|----------------------|-------------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comments |
| Flamingo 76 | Z7138 | Santa Rosa | A59264A | 12/9/2019 | 2-1-301 | Changed phase II system (vr-202 -> VR-204) without authority to construct |
| Flamingo 76 | Z7138 | Santa Rosa | A59264B | 12/9/2019 | 2-1-302 | Changed phase II system (vr-202 -> VR-204) without authority to construct |

| District Wide | | | | | | |
|---------------------------------|---------------|-------------|--------------|----------------------|-------------------|---|
| Site Name | Site # | City | NOV # | Issuance Date | Regulation | Comment |
| Reliance Building & Maintenance | Z7140 | Modesto | A59159A | 12/10/2019 | 11-2-303.9 | No on-site sup & 304.1 & 304.3 (unlabeled RACM / Imp.disposal.) |
| Reliance Building & Maintenance | Z7140 | Modesto | A59159B | 12/10/2019 | 11-2-304 | No on-site Sup & 304.1 & 304.3 (unlabeled RACM / Imp.disposal) |

SETTLEMENTS FOR \$10,000 OR MORE REACHED

There was one (1) settlement(s) for \$10,000 or more completed in November 2019.

- 1) On November 25, 2019, the Air District reached settlement with Owens Corning Insulating Systems, LLC, for \$23,000, regarding the allegations contained in the following three (3) Notices of Violations:

| NOV # | Issuance Date | Occurrence Date | Regulation | Comments from Enforcement |
|--------------|----------------------|------------------------|-------------------|---|
| A51387A | 9/2/2015 | 3/2/2015 | 2-6-307 | PC @24873 #3 (244 hrs. out of compliance) |
| A55636A | 10/7/2016 | 8/27/2016 | 2-6-307 | p/c# 24873 - #9(a); RCA #07A14 |
| A55637A | 12/19/2016 | 11/9/2016 | 6-1-301 | Exceeded ringlemann #1 limitation |

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

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 November 2019 and December 2019. The monthly out-of-state business travel report is presented in the month following travel completion.

DISCUSSION

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

MKS MultiGas Advanced Training Course, Methuen, Massachusetts, November 5, 2019 – November 7, 2019 attendees:

- Pon Phithaksounthone, Senior Air Quality Engineer
- Jeff Aaseth, Air Quality Engineer II

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

ASTM Class-Understanding Test Method Precision, New Orleans, Louisiana, December 6, 2019 – December 8, 2019 attendee:

- Maria del Carmen Duran, Air Quality Chemist

COP25 Conference, Madrid, Spain, December 6, 2019 – December 17, 2019 attendees:

- Jack P. Broadbent, Executive Officer/APCO
- Henry Hilken, Director

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Stephanie Osaze

Reviewed by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Consider Authorizing a California Environmental Quality Act (CEQA) Review
Consultant Services Contract for the Schnitzer Steel Ocean-Going Vessels Project

RECOMMENDED ACTION

The Board of Directors will consider authorizing the Executive Officer/APCO to enter into a contract with Environmental Audit, Inc., in an amount not to exceed \$168,900, for California Environmental Quality Act (CEQA) review consultant services for the Schnitzer Steel Ocean-Going Vessels Increase Project (Air District Application No. 29411).

BACKGROUND

This contract includes services for developing and preparing Initial Studies, Negative Declarations, Environmental Impact Reports, or other CEQA-related documents as specified by Air District staff. The Air District solicited bids from consultants that can demonstrate extensive experience with CEQA analysis and CEQA document development/preparation as related to air quality permits and air quality planning.

Schnitzer Steel submitted a permit application for its Ocean-Going Vessels (OGV) Increase Project (Air District Application # 29411). Schnitzer Steel is seeking to increase the allowable number of ship calls at Schnitzer Steel's scrap metal recycling facility in Oakland, California from 26 ship calls to 32 ship calls per calendar year.

The Air District will have the role of CEQA lead agency for this project.

DISCUSSION

The Air District issued a Request for Proposal (RFP) for CEQA Review Consultant Services on October 10, 2019. The RFP was directly sent to approximately 40 consulting firms who are known to have expertise in the specific technical areas, and posted on the Air District's website. During the one-month period that the RFP was open, the Air District responded to written questions from three consulting firms and posted these responses on the Air District's website. Upon closing, four proposals were received.

The Environmental Audit, Inc. proposal was evaluated under the Air District's RFP evaluation procedures and received the highest average score (89 on a 100-point scale).

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. The Air District will seek full reimbursement from Schnitzer Steel for the costs associated with this project.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Barry Young
Reviewed by: Pamela Leong and Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Consider Authorizing the Executive Officer/APCO to Amend a Contract Agreement with Resolute Security Group, Inc., in an Amount Not to Exceed \$300,000

RECOMMENDED ACTION

Recommend the Board of Directors authorize the Executive Officer/APCO to amend contract agreement No. 2018.277, with Resolute Security Group, Inc., adding funds of \$200,000 for a total amount not to exceed \$300,000, for security services for the Bay Area Air Quality Management District (Air District).

BACKGROUND

On August 21, 2018, the Air District issued a Request for Proposals (RFP) to provide security services for the Air District. A three-member evaluation panel reviewed the two submitted proposals and recommended Resolute Security Group, Inc. (Resolute), as the vendor most advantageous to the Air District based on the evaluation criteria stated in the RFP. Resolute was chosen as the vendor. A contract agreement in the amount of \$100,000 with Resolute was entered for a three-year period from October 17, 2018, to October 16, 2021.

RFP #2018-012 Submission Scoring

| Supplier | Total / 100 pts | A - Proposal / 100 pts | A-1 - Expertise / 30 pts | A-2 - Skill / 30 pts | A-3 - Approach / 10 pts | A-4 - Cost / 10 pts | A-5 - References / 10 pts | A-6 - Firm's Specialty Focus Area / 10 pts |
|-------------------------------|--------------------|---------------------------|-----------------------------|-------------------------|----------------------------|------------------------|------------------------------|---|
| Resolute Security Group, Inc. | 82 pts | 82 pts | 27 pts | 24.67 pts | 9 pts | 8 pts | 8.333 pts | 5 pts |
| RCI Associates | 52.67 pts | 52.67 pts | 13.33 pts | 18.33 pts | 5.333 pts | 5 pts | 5.667 pts | 5 pts |

Because of increased operational demands that come with the expansion of our office footprint within the greater Bay Area, an increase in public meetings, has in turn generated an increased demand for security throughout the year. An estimated \$200,000 is the required amount to successfully provide security services for the remainder of the contract.

Founded in 2009, Resolute is a privately held, full-service security and risk management organization that provides tailored solutions for corporate, public and private sector clientele. Resolute provides uniform security services for commercial high rises, residential communities, corporate and private events, private and public schools, state and city government buildings and

properties, as well as armed or unarmed mobile patrol services. As a full-service security firm, they also provide security and threat management consulting, loss prevention, electronic security technology solutions and investigations.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. The costs for this amendment are included in the Fiscal Year Ending 2020 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Maricela Martinez
Reviewed by: Rex Sanders

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Consider Authorizing the Executive Officer/APCO to Execute a Multi-Year Contract Amendment with IT Help LLC, in an Amount Not to Exceed \$250,000

RECOMMENDED ACTION

Recommend the Board of Directors consider authorizing the Executive Officer/APCO to execute a multi-year contract amendment in an amount not to exceed \$250,000, for Information Technology (IT) infrastructure support and maintenance with IT Help, LLC.

BACKGROUND

In January 2016, the Air District implemented all new IT infrastructure as part of the move to new Headquarters at 375 Beale Street. Currently, the IT infrastructure requires minor upgrades and maintenance that are best executed with assistance from vendors with specialized experience. Air District staff is recommending amending the contract with a current vendor who assisted with the original Headquarters infrastructure installation, and who has been qualified through the Air District’s Request for Qualification (RFQ) process.

DISCUSSION

Over the past year, the Air District has worked with IT Help, LLC on small IT infrastructure projects such as adding computer storage capacity, replacing failed components, and providing technical support during scheduled power outages.

Prior to executing a multi-year agreement with this vendor, the Air District evaluated available vendor resources through the competitive process under RFQ 2019-15. Three vendors provided qualified submissions. The table below summarizes the average scores for each vendor under each evaluated category:

| Vendor | Experience | Knowledge | History | Conformity | Fees | Total |
|--------------------|------------|-----------|---------|------------|------|-------|
| IT Help, LLC | 5/5 | 9/10 | 8/10 | 4/5 | 4/5 | 30 |
| ePlus Tech, Inc. | 4/5 | 8/10 | 7/10 | 4/5 | 4/5 | 27 |
| Trinity Tech, Inc. | 3/5 | 7/10 | 7/10 | 4/5 | 4/5 | 25 |

The Air District has selected IT Help, LLC for this contract not only due to their responsiveness under RFQ 2019-15, but also due to their prior performance in previous engagements.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: John Chiladakis
Reviewed by: Rex Sanders

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Funding to Support the Bay Area Regional Collaborative (BARC)

RECOMMENDED ACTION

Recommend the Board of Directors consider authorizing the Executive Officer/APCO to execute all necessary agreements with the Metropolitan Transportation Commission (MTC) to fund the Bay Area Regional Collaborative (BARC) for fiscal year ending (FYE) 2020 in an amount not to exceed \$351,067.

BACKGROUND

BARC is a consortium of member agencies that come together to address cross-cutting issues of regional significance, with the goal of improving the quality of life for all Bay Area residents. BARC provides a mechanism through which its member agencies can learn, explore, collaborate, incubate, coordinate, and communicate policies and best practices that agency leadership can decide to advance collectively and singularly. BARC is made up of a Governing Board of member agency commission/board representatives, an Executive Directors Group, and other staff cross-agency work teams.

Each year, member agencies determine their annual contributions to support the budget to complete the work plan. The Governing Board then approves the budget. This year's contribution is roughly \$96,000 higher than last year. BARC staff member salaries were partially offset by an external grant last year. As a result, the Air District contribution increased more than would be expected due to inflation.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. These funds are included in the Air District FYE 2020 budget.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jeff McKay

Attachment 11A: Draft Cooperative Agreement between MTC and Bay Area Air Quality
Management District Regarding FYE 2020 BARC Staffing Support

COOPERATIVE AGREEMENT
Between METROPOLITAN TRANSPORTATION COMMISSION
and BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Regarding FY 2019-20 BAY AREA REGIONAL COLLABORATIVE (BARC)
STAFFING SUPPORT

This Cooperative Agreement is entered as of July 1, 2019 by and between the METROPOLITAN TRANSPORTATION COMMISSION (hereinafter "MTC") and the BAY AREA AIR QUALITY MANAGEMENT DISTRICT (hereinafter "BAAQMD") collectively referred to herein as "the Parties".

RECITALS

WHEREAS, MTC and the BAAQMD, as members of the Bay Area Regional Collaborative (BARC) are committed to supporting BARC staffing on behalf of the BARC member agencies; and

WHEREAS, MTC has committed funding of \$351,067 to fund the BARC Executive Director and a BARC Program Coordinator and some associated costs for fiscal year 2019-20 to support:

- Providing policy analysis, supporting the BARC's regional goals, developing and assisting in the completion of BARC initiatives, and helping to coordinate regional policymaking by promoting cohesive and collaborative relationships among the four regional agencies;
- Overseeing BARC policy efforts related to climate protection, sea level rise and adaptation strategies;
- Assisting with the coordination and integration of air quality and adaptation issues in the next Plan Bay Area (Sustainable Communities Strategy) as the plan evolves into a more comprehensive regional effort;
- Working closely with BAAQMD staff and other regional agency partners in the development and implementation of collaborative projects supporting local jurisdictions in meeting carbon free energy goals and campaigns to eliminate use of diesel fuels. Particular focus will be on working with BAAQMD staff in a project focused on the decarbonization of existing buildings.
- Working closely with BAAQMD and MTC/ABAG in addressing the nexus of land use planning, transportation planning, and air quality in vulnerable and disadvantaged communities as directed by Assembly Bill (AB) 617. Particular focus will be on helping to implement elements of the West Oakland Action Plan that pertain to meeting transportation-related greenhouse-gas reduction goals;
- Working with the BARC member agencies to better coordinate capacity-building, community participation, and outreach efforts in the Bay Area's most vulnerable and disadvantaged communities;
- Assisting in the participation of BARC member agency staff in the Government Alliance of Race and Equity (GARE) yearlong learning program;
- Assisting the BARC Chair in preparing agendas, supporting materials and minutes for BARC action, and;
- Assisting with other initiatives as directed by the BARC Chair and Governing Board; and
- Supporting the implementation of BARC work plan through strategic activities provided by appropriate consultants.

WHEREAS, BAAQMD has committed \$351,067 for the above stated purpose, with BARC member agency the Bay Conservation and Development Commission (BCDC) providing additional supporting funds, for a total project budget of \$877,667, to conduct tasks listed above, in addition to any others jointly agreed to between MTC and BAAQMD;

NOW, THEREFORE, MTC and BAAQMD hereto agree as follows:

1. The BAAQMD agrees to provide MTC with three hundred and fifty-one thousand and sixty-seven dollars (\$351,067) within 120 days of the effective date of this Agreement. Payment shall be made to MTC as the address listed below:

Metropolitan Transportation Commission
Accounting Department
375 Beale Street, Suite 800
San Francisco, CA 94105

In the event that there is, for any reason, a lower cost for the Executive Director and Program Coordinator and consultant services than the full budgeted \$351,067, MTC will reimburse the BAAQMD a proportional amount based on the contributions to the overall budget made by MTC and BAAQMD. As a smaller overall contributor, BCDC will not be reimbursed on a proportional basis for any remaining balance of the full budgeted \$877,667.

Refunds to the BAAQMD shall be made payable to the BAAQMD at the address listed below:

BAAQMD
Accounting Department
375 Beale Street, Suite 600
San Francisco, CA 94105

2. The parties agree to work cooperatively to provide guidance to the Advisor through the implementation of the contract period.
3. Except as described in Section 1, all notices or other communications to either party by the other shall be given when made in writing and delivered or mailed to such party at their respective addresses as follows:

To MTC: Attention: Alix Bockelman
Deputy Executive Director, Policy
Metropolitan Transportation Commission
375 Beale Street, Suite 800
San Francisco, CA 94105

To BAAQMD: Attention: Gregory Nudd
Bay Area Air Quality Management District
375 Beale Street, Suite 800
San Francisco, CA 94105

4. This Agreement may only be amended in writing executed by both parties.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

METROPOLITAN TRANSPORTATION
COMMISSION

BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

Therese W. McMillan, Executive Director

Jack Broadbent, Executive Officer/APCO

DRAFT

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: 50th Anniversary of the Clean Air Act and Earth Day Event

RECOMMENDED ACTION

Recommend the Board of Directors consider authorizing the Executive Officer/APCO to expend an amount not to exceed \$150,000, for a 400 plus person conference in October 2020, celebrating the 50th Anniversary of the signing of the Clean Air Act, the 50th Anniversary of Earth Day and the 65th Anniversary of the Bay Area Air Quality Management District (Air District).

DISCUSSION

Air District staff will update the Board of Directors on planning and details for this event, including location, date, agenda and speakers. As with past conferences, the Air District will make an announcement at the end of this conference that will help improve air quality in the Bay Area.

BACKGROUND

The Air District has used large informational conferences over the years to focus attention on specific air quality related issues.

Past conferences have featured keynote address speakers, such as:

- U.S. Environmental Protection Agency (EPA) Admin., Christie Todd-Whitman
- Former Vice President, Al Gore
- Author, New York Times Columnist Thomas Friedman
- Syndicated Columnist and Founder of The Huffington Post, Arianna Huffington
- CNN Political Contributor and Social Justice speaker, Van Jones
- National Basketball Association's Warrior's Head Coach, Steve Kerr
- Former U.S. EPA Administrator, Gina McCarthy

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for this event will be split between the 2020 and 2021 budget years.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Lisa Fasano
Reviewed by: Vanessa Johnson

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Report of the Advisory Council Meeting of December 9, 2019

RECOMMENDED ACTION

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

BACKGROUND

The Council met on Monday, December 9, 2019, and received the following reports:

- A) Particulate Matter (PM) Symposium Overview;
- B) Update on Particulate Matter (PM) Air District Work; and
- C) Deliberation and Possible Approval on Particulate Matter (PM) Symposium Summary Report.

Board Liaison Rod Sinks will provide an oral report of the Council meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

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

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 13A: 12/09/2019 – Advisory Council Meeting Agenda #4
Attachment 13B: 12/09/2019 – Advisory Council Meeting Agenda #5
Attachment 13C: 12/09/2019 – Advisory Council Meeting Agenda #6

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Stan Hayes and Members
of the Advisory Council

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 2, 2019

Re: Particulate Matter (PM) Symposium Overview

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Increasing evidence shows health impacts from particulate matter (PM) can occur well below the current national ambient air quality standards. Therefore, it is important that we reassess the health effects of PM in our communities.

This year, the Air District's Advisory Council began convening a conference series on PM. This series will facilitate discussion among nationally recognized scientists, stakeholders, and the Air District, identifying the most effective measures to further protect public health. The symposia will shine a spotlight on this public health challenge and share information and tools to inform future policy decisions.

The first symposium took place on October 28, 2019, from 9:00 a.m. to 4:30 p.m., at the Bay Area Metro Center, 375 Beale Street, San Francisco, California 94105. The second symposium is scheduled for March 2020, from 9:00 a.m. to 4:30 p.m., location to be determined.

Topics during the first symposium included:

- PM Health Effects:
 - Observed health effects from PM exposure
 - Affected biological systems
 - Knowledge about the mechanisms
 - Population groups most at risk
 - Most relevant sensitivities and uncertainties

- PM Exposure and Risk:
 - PM emissions and sources
 - PM levels in the air
 - Community exposure
 - Current understanding of PM health risks
 - Economic and other costs

The symposium summary report will be available for public comment on December 16, 2019 to February 1, 2020 on the Air District's Open Air Forum.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Areana Flores and Justine Buenaflor
Reviewed by: Jeff McKay

ADVISORY COUNCIL MEETING
OF 12/09/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Stan Hayes and Members
of the Advisory Council

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 2, 2019

Re: Update on Particulate Matter (PM) Air District Work

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Staff will provide presentations on existing and future work and gaps regarding particulate matter (PM). Topics to be discussed will include:

- Emissions Inventory
- Ultra-Fine Particulate (UFP) Monitoring
- Non-Regulatory Updates
- Rules
- Mobile Source Measures

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Areana Flores and Justine Buenafior

Reviewed by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Stan Hayes and Members
of the Advisory Council

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 2, 2019

Re: Deliberation and Possible Approval on Particulate Matter (PM) Symposium Summary Report

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

The Advisory Council (Council) has considered the need for health-focused attainment guidelines beyond those already in effect. The Air District seeks to investigate such possible guidelines with input from the Council after their deliberation on the Particulate Matter (PM) Symposium Summary Report drafted from the October 23, 2019 PM Symposium.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Areana Flores and Justine Buenafior
Reviewed by: Jeff McKay

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

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

RECOMMENDED ACTION

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

BACKGROUND

The Committee met on Monday, December 16, 2019, and received the following reports:

- A) Update on the Implementation of Regulation 11, Rule 18 (Rule 11-18): Reduction of Risk from Air Toxic Emissions at Existing Facilities; and
- B) Odor Attribution Study in the South Bay.

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

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None; and
- B) Funding for these studies will come from the General Fund Budget for Fiscal Year Ending 2020.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 14A: 12/16/2019 – Stationary Source Committee Meeting Agenda #4
Attachment 14B: 12/16/2019 – Stationary Source Committee Meeting Agenda #5

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 3, 2019

Re: Update on the Implementation of Regulation 11, Rule 18 (Rule 11-18): Reduction of Risk from Air Toxic Emissions at Existing Facilities

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Bay Area Air Quality Management District (Air District) adopted Rule 11-18, Reduction of Risk from Air Toxic Emissions at Existing Facilities on November 15, 2017. As part of its implementation, the Air District uses air dispersion modeling and the latest science from the Office of Environmental Health Hazard Assessment (OEHHA) to evaluate health risks to communities from permitted facilities.

If a health risk exceeds a Rule 11-18 risk action level, the facility will be required to either:

- (A) Reduce all health risks below the final risk action levels; or
- (B) Install best available retrofit control technology for toxics (TBARCT) on all significant sources.

The final risk action levels are a cancer risk of 10 in a million, chronic hazard index of 1.0, and acute hazard index of 1.0.

The Rule 11-18 Implementation Steps are: (1) screen facilities, (2) validate data, (3) conduct health risk assessment (HRA), (4) approve risk reduction plans (RRP), and (5) implement risk reduction measures. The public will have the opportunity to comment on the draft HRA and the draft RRP before these reports are finalized.

DISCUSSION

Process and Timeline

As described in the Rule 11-18 Implementation Procedures, the Air District uses prioritization scores to screen and classify sites as high priority, low priority, or exempt. High priority sites are further separated into two phases (Phase I or Phase II). High priority facilities with the highest potential for health risks are in Phase I. Phase II includes all other non-exempt high priority facilities. The Air District conducted the initial screening assessment in June 2018. After initial inventory corrections, the Air District identified 35 Phase I facilities and about 300 Phase II facilities. A new screening assessment is underway, and the Air District has identified one additional Phase I facility. The number of Phase II facilities remains about 300.

The Air District has completed the preliminary HRA for one facility. Preliminary results indicate that health risks from this site exceed the Rule 11-18 risk action levels (RALs) and that a risk reduction plan (RRP) will be required. The preliminary HRA report has been sent to the facility for the required 90-day review period. The Air District expects to post this HRA for public comment in March 2020.

HRAs are underway for three additional sites. Staff meets on a weekly basis to review progress on the data validation process for the remaining 31 sites. The data request for the new Phase I site is being prepared and will be sent to the facility before the end of the year. For the refineries, staff are currently validating stack parameter data and 1-hour emission inventories. The annual emission inventories are being validated through the Rule 12-15 process. The HRAs for the refineries will begin after completion of the heavy liquids study and the related emission inventory updates.

Overall, staff expects to require HRAs for about 30 of the Phase I sites. Most of the Phase I HRAs will be published by the end of 2020.

Actions to Date

To implement the rule, the Air District convened a Rule 11-18 Implementation Workgroup to ensure transparency, provide industry and community perspectives, and facilitate communication with affected communities during the implementation of Rule 11-18. This workgroup includes representatives from environmental and health organizations, industry groups, refineries, and Air District staff. The workgroup has had four meetings to date. Recent discussion topics include: guidance documents, one-hour emission inventories, context for HRA reports, and public noticing plans. The Air District is currently reviewing workgroup comments on guidance documents and expects to post these guidance documents to the web site soon.

The implementation of Rule 11-18 has led to several infrastructure improvements. The Air District developed a new data management process for high priority facilities that will increase accuracy of annual toxic air contaminant (TAC) emission inventories, add new one-hour TAC emission inventories, and collect all necessary input data for comprehensive HRAs. This process provides regulated facilities with the information needed to understand the basis for their current Air District emission inventory; to identify potentially significant emissions; to easily request corrections to inaccurate data; to provide missing data; and allows for data improvement and validation by Air District staff. The Air District has also updated our fee structure in Regulation 3 to meet cost recovery goals for the staff time needed to improve TAC inventories, conduct or review HRAs, and approve RRP. In addition, staff updated the Air District website by reorganizing page locations, consolidating documents, and adding new information related to Rule 11-18 implementation.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Carol Allen

Reviewed by: Sanjeev Kamboj, Pamela Leong, and Damian Breen

STATIONARY SOURCE COMMITTEE
MEETING OF 12/16/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 3, 2019

Re: Odor Attribution Study in the South Bay

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

Communities in and around Milpitas, near a cluster of waste handling facilities, have experienced air quality and odor issues for many years. These facilities include the Newby Island Landfill and associated composting facility, operated by Republic Services; the San Jose-Santa Clara Regional Wastewater Facility, operated by the City of San Jose; and a dry anaerobic food waste digestion facility, operated by ZeroWaste Energy Development Company. There have been improvements to air quality in Milpitas due to Air District actions with assistance from the community. However, odors continue to be a concern.

The South Bay Odor Stakeholder Group (SBOSG) was formed in 2015 to provide a transparent forum to address odors that affect the Milpitas community and discuss enforcement activities, permit and regulatory requirements, and odor mitigation and controls measures. Quarterly meetings are attended by community and industry stakeholders; Air District staff; staff representing the Cities of Fremont, Milpitas, and San Jose; staff representing Assemblymember Kansen Chu, Congressman Ro Khanna, and Senator Bob Wieckowski; and Rod Sinks, Stationary Source Committee Chair, representing Santa Clara County. Over the last year, the SBOSG has identified the need for an odor study to better understand the contribution of different odor sources in the Milpitas community.

DISCUSSION

In January 2019, the Air District committed to conduct an Odor Attribution Study to identify compounds from odor-producing facilities that are impacting Milpitas and nearby communities. The three facilities are located close together and have similar odor profiles. The proximity and similarity of the facilities has made it difficult to trace the odors experienced by community members to specific facilities, which is required for the Air District to be able to take regulatory or enforcement actions. The goal of the Odor Attribution Study is to determine the contribution and variability of odors from these facilities and measure how often and at what concentration

these odors may be passing into the local community to inform future actions to reduce odors.

The Air District released a Request for Proposals (RFP 2019-004 Odor Study) to identify contractors with the expertise to measure sources of odors from the landfill, transfer station, sewage treatment plant, compost, and organic waste processing operations in Milpitas. The proposals were scored based on expertise, skill, approach, cost, references, certified green business status, and local business status. Based on the proposal scoring and interviews, two complementary proposals were recommended for funding (Table 1). The Jacobs Engineering Group proposal exceeded the \$100,000 Administrative Code limit and was approved by the Air District Board of Directors on November 20, 2019.

Table 1

| Respondent | Project Scope | Proposed Budget |
|------------------------------|---|-----------------|
| Montrose Environmental Group | Deploy advanced real time and integrated air measurement and sampling technologies on a mobile laboratory platform, during a targeted sampling event, to identify odor causing species and facility chemical markers in the part per billion and part per trillion range, providing data and information to focus the efforts of other study participants. | \$92,000 |
| Jacobs Engineering Group | Characterize diurnal and seasonal odors by conducting focused field sampling and data collection at representative times over a minimum of three seasons; develop odor intensity persistency curves; perform data analysis for critical chemical odorant compound identification; conduct odor dispersion modeling; perform electronic nose evaluations; develop ongoing fence-line measurement methods; prepare progress and final reports and participate in public meetings. | \$500,000 |

The Montrose Environmental Group project is a shorter-term study, which will identify compounds of interest for longer-term study through the Jacobs Engineering Group study. Montrose Environmental Group's project will provide data on very low concentration (parts per trillion) trace chemical species and chemical markers. This highly advanced technical approach using Proton Transfer Reaction – Time of Flight – Mass Spectrometer (PTR-TOF-MS) can be used to develop chemical profiles contributing to the odors and enhance source attribution efforts.

The Jacobs Engineering Group project will identify odorant compounds impacting the area of concern via comprehensive quantitative and qualitative analyses and determine the relative contribution and variability of the odor-causing compounds emitted from the key source facilities. The study will take place over a minimum of three seasons and will include measurements at the facilities boundaries as well as in the community.

The Jacobs Engineering Group proposal includes five main tasks:

- Reviewing existing odor, concentration and meteorological data from previous studies
- Odor causing compound, contributor and masking effect identification
- Modeling source attribution of odorous releases based on compound identification results
- Develop a method to measure ongoing performance of the facilities at reducing odors
- Conduct public meetings for community members to receive regular updates on the results of the study

Staff have presented information about this project to the SBOSG and sought their input on the study. As part of this Agenda Item, staff will update the Board on the project and the specifics of the scopes of work for both companies.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for these studies will come from the General Fund Budget for Fiscal Year Ending 2020.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jerry Bovee
Reviewed by: Ranyee Chiang

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Report of the Mobile Source Committee Meeting of December 18, 2019

RECOMMENDED ACTION

The Mobile Source Committee (Committee) recommends Board of Directors approval of the following items:

- A) Projects and Contracts with Proposed Grant Awards Over \$100,000
 - 1) Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1; and
 - 2) Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.
- B) Transportation Fund for Clean Air (TFCA) Program Audit #20 Results
 - 1) None; receive and file.
- C) Report on Transportation Fund for Clean Air (TFCA) Project Expenditures and Expenditures and Effectiveness for Fiscal Year Ending (FYE) 2019
 - 1) None; receive and file.
- D) Policy to Prohibit Use of Air District Funds on Vehicles Manufactured by Companies that Oppose California's Regulation of Light-Duty Vehicle Emissions
 - 1) Recommend the Board of Directors direct Air District staff to develop a policy that prohibits Air District incentive and general funds from being used for the purchase of light-duty vehicles manufactured by companies that oppose the State of California's right to regulate light-duty vehicle emissions.

- E) Expansion of Existing Center for Sustainable Energy (CSE) Contract
 - 1) Recommend the Board of Directors authorize the Executive Officer/APCO to increase an existing contract with CSE in an amount not to exceed \$5,000 for services performed in Fiscal Year Ending (FYE) 2019 and FYE 2020 for Electric Vehicle (EV) market research services.

BACKGROUND

The Committee met on Wednesday, December 18, 2019, and received the following reports:

- A) Projects and Contracts with Proposed Grant Awards Over \$100,000;
- B) Transportation Fund for Clean Air (TFCA) Program Audit #20 Results;
- C) Report on Transportation Fund for Clean Air (TFCA) Project Expenditures and Effectiveness for Fiscal Year Ending (FYE) 2019;
- D) Policy to Prohibit Use of Air District Funds on Vehicle Manufactured by Companies that Oppose California's Regulation of Light-Duty Vehicle Emissions; and
- E) Expansion of Existing Center for Sustainable Energy (CSE) Contract.

Chairperson David Canepa will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

- A) None. The Air District distributes CMP, MSIF, Community Health Protection Grant Program, TFCA, and RFG funding to project sponsors on a reimbursement basis. Funding for administrative costs is provided by each funding source;
- B) None. Administrative costs for the TFCA audit and staff are provided by the funding source;
- C) None. The Air District distributes TFCA monies as "pass-through" funds to public and nonpublic entities. Administrative costs for project staff are provided by the Air District's TFCA funding;
- D) At this time the estimated cost impact is projected to be small, although reduced availability of clean vehicles may lead to higher costs for fleet purchases; and
- E) None. Funding for these contracts comes from a grant from the Federal Highway Administration and California Department of Transportation, through the Congestion Mitigation and Air Quality Improvement (CMAQ) Program.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 15A: 12/18/2019 – Mobile Source Committee Meeting Agenda #4
Attachment 15B: 12/18/2019 – Mobile Source Committee Meeting Agenda #5
Attachment 15C: 12/18/2019 – Mobile Source Committee Meeting Agenda #6
Attachment 15D: 12/18/2019 – Mobile Source Committee Meeting Agenda #7
Attachment 15E: 12/18/2019 – Mobile Source Committee Meeting Agenda #8

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 13, 2019

Re: Projects and Contracts with Proposed Grant Awards Over \$100,000

RECOMMENDED ACTIONS

Recommend Board of Directors:

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

BACKGROUND

The Bay Area Air Quality Management District (Air District) has participated in the Carl Moyer Program (CMP), in cooperation with the California Air Resources Board (CARB), since the program began in fiscal year ending (FYE) 1999. The CMP provides grants to public and private entities to reduce emissions of oxides of nitrogen (NOx), reactive organic gases (ROG), and particulate matter (PM) from existing heavy-duty engines by either replacing or retrofitting them. Eligible heavy-duty diesel engine applications include on-road trucks and buses, off-road equipment, marine vessels, locomotives, and stationary agricultural pump engines.

Assembly Bill (AB) 923 (Firebaugh), enacted in 2004 (codified as Health and Safety Code (HSC) Section 44225), authorized local air districts to increase their motor vehicle registration surcharge up to an additional \$2 per vehicle. The revenues from the additional \$2 surcharge are deposited in the Air District's Mobile Source Incentive Fund (MSIF). AB 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the CMP. On February 6, 2019, the Board of Directors (Board) authorized Air District participation in Year 21 of the CMP, and authorized the Executive Officer/APCO to execute Grant Agreements and amendments for projects funded with CMP funds or MSIF revenues, with individual grant award amounts up to \$100,000.

In 2017, AB 617 directed CARB, in conjunction with local air districts to establish the Community Air Protection Program. AB 617 provides a new community-focused action framework to improve air quality and reduce exposure to criteria air pollutants and toxic air contaminants in communities most impacted by air pollution. In advance of the development of the Community Air Protection Program, the Governor and legislature established an early action component to AB 617 to use existing incentive programs to get immediate emission reductions in the communities most affected by air pollution. AB 134 (2017) appropriated \$50 million from the Greenhouse Gas Reduction Fund (GGRF) to reduce mobile source emissions including criteria pollutants, toxic air contaminants, and greenhouse gases in those communities within the Bay Area. Senate Bill (SB) 856 (2018) continued support for these project types and appropriated \$245 million from the GGRF statewide, of which \$40 million was awarded to the Air District for Bay Area emission reduction projects. These funds will be used to implement projects under the Community Health Protection grant program, CMP, and optionally on-road truck replacements under the Proposition 1B Goods Movement Emission Reduction Program. On April 3, 2019, the Board authorized the Air District to accept, obligate, and expend SB 856 grant funding.

In 1991, the California State Legislature authorized the Air District to impose a \$4 surcharge on motor vehicles registered within the nine-county Bay Area to fund projects that reduce on-road motor vehicle emissions within the Air District's jurisdiction. The statutory authority for the Transportation Fund for Clean Air (TFCA) and requirements of the program are set forth in the HSC Sections 44241 and 44242. Sixty percent of TFCA funds are awarded by the Air District to eligible projects and programs implemented directly by the Air District (e.g., Spare the Air, electric vehicle charging station program) and to a program referred to as the TFCA Regional Fund. Each year, the Board allocates funding and adopts policies and evaluation criteria that govern the expenditure of TFCA Regional Fund monies. The remaining forty percent of TFCA funds are pass-through funds to the designated County Program Manager (CPM) in each of the nine counties within the Air District's jurisdiction.

On April 3, 2019, the Board authorized funding allocations for use of the sixty percent of the TFCA revenue in Fiscal Year Ending (FYE) 2020, cost-effectiveness limits for Air District-sponsored FYE 2020 programs, and the Executive Officer/APCO to execute grant agreements and amendments for TFCA-revenue funded projects with individual grant award amounts up to \$100,000. On June 5, 2019, the Board adopted policies and evaluation criteria for the FYE 2020 TFCA Regional Fund program.

The Bay Area Clean Air Foundation (Foundation) is a nonprofit support organization for the Air District. As part of its operation, the Foundation applies for and accepts grant funding from various sources to reduce and offset air emissions within the Air District's boundaries. Under the terms of an executed contract between the Air District and Foundation, Air District staff administer grant programs and revenues awarded to the Foundation. On December 5, 2017, the Foundation entered into a contract with the Reformulated Gas Settlement Fund (RFG) administrators to receive approximately \$1.3 million in funding for a program to accelerate the adoption of zero- and near-zero-emission equipment and vehicles operating in and around the West Oakland community.

Projects with grant award amounts over \$100,000 are brought to the Mobile Source Committee for consideration at least on a quarterly basis. Staff reviews and evaluates grant applications based upon the respective governing policies and guidelines established by CARB, the Board and other funding agencies.

DISCUSSION

Carl Moyer Program and Community Health Protection Grant Program:

For the CMP Year 21 cycle, the Air District had more than \$11 million available for eligible CMP and school bus projects from a combination of MSIF and CMP funds. The Air District started accepting project applications for the CMP Year 21 funding cycle on June 17, 2019 and applications are accepted and evaluated on a first-come, first-served basis.

As of November 21, 2019, the Air District had received 99 project applications. Of the applications that have been evaluated between October 3, 2019 and November 21, 2019, one eligible project has a proposed grant award over \$100,000. This project will replace two (2) pieces of off-road agricultural equipment and will reduce over 0.84 tons of NO_x, ROG and PM per year. Staff recommends the allocation of \$118,940 for this project from a combination of CMP funds and MSIF revenues. Attachment 1, Table 1, provides additional information on this project.

Attachment 2 lists all of the eligible projects that have been received by the Air District as of November 21, 2019, including information about the equipment category, award amounts, estimated emissions reductions, and county location. Approximately 81% of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities. Attachment 4, Figures 4 and 5 summarize the cumulative allocation of CMP, MSIF, and Community Health Protection Grant Program funding since 2009 (more than \$292 million awarded to 1,249 projects).

Transportation Fund for Clean Air Program:

In FYE 2020, the Air District had approximately \$32 million in TFCA monies for eligible projects and programs. The Air District opened the FYE 2020 Vehicle Trip Reduction Program and started accepting applications on August 9, 2019. As of November 21, 2019, the Air District had received 18 project applications to the Vehicle Trip Reduction Program. Staff also continued to evaluate project applications received through the FYE 2019 *Charge!* program.

Of the applications that were evaluated between October 3, 2019 and November 21, 2019, staff is proposing grant awards of over \$100,000 for five eligible TFCA projects. These projects will:

- Install and operate 18 single-port and 54 dual-port Level 2 charging stations;
- Support a rideshare project;
- Install 1.84 miles of class IV protected bikeways; and
- Install 44 electronic bicycle lockers.

Staff recommends the allocation of \$1,004,900 that, in total, is estimated to reduce over 1.17 tons of NOx, ROG and PM per year. Attachment 1, Table 2, provides additional information.

Attachment 3, Table 1, lists all eligible TFCA projects that have been evaluated and awarded between July 1, 2019 and November 21, 2019, including information about the equipment category, award amounts, estimated emissions reductions, and county location. Approximately 43% of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities.

Reformulated Gas Settlement Fund Program:

Under contract to the Foundation, the Air District has been administering the West Oakland Zero-Emission Grant Program, that had approximately \$1.17 million in RFG funding for eligible projects to reduce petroleum usage and air pollution in West Oakland and nearby communities surrounding the Port of Oakland.

Of the applications that were evaluated between October 3, 2019 and November 21, 2019, none of the eligible projects proposed an individual grant award over \$100,000. However, two eligible RFG projects were awarded less than \$100,000 during this evaluation period and these projects are listed in Attachment 3, Table 2. This table also lists all other eligible RFG projects that were evaluated and awarded as of November 21, 2019, including information about the equipment category, award amounts, estimated emissions reductions, and location.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. The Air District distributes CMP, MSIF, Community Health Protection Grant Program, TFCA, and RFG funding to project sponsors on a reimbursement basis. Funding for administrative costs is provided by each funding source.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Anthony Fournier, Hannah Cha, Sean Newlin, and Mark Tang

Reviewed by: Karen Schkolnick, Chengfeng Wang, and Ken Mak

Attachment 1: Projects with grant awards greater than \$100,000

Attachment 2: CMP/MSIF, FARMER and Community Health Protection Grant Program approved projects

Attachment 3: TFCA and RFG approved and eligible projects

Attachment 4: Summary of funding awarded between 7/1/19 and 11/21/19

AGENDA 4 - ATTACHMENT 1

Table 1 - Carl Moyer Program/ Mobile Source Incentive Fund, FARMER, and Community Health Protection Grant Program projects with grant awards greater than \$100k (Evaluated between 10/3/19 and 11/21/19)

| Project # | Applicant name | Equipment Category | Project Description | Proposed contract award | Total project cost | Emission Reductions (Tons per year) | | | County |
|------------------|-------------------------------|--------------------|---|-------------------------|--------------------|-------------------------------------|-------|-------|--------------|
| | | | | | | NO _x | ROG | PM | |
| 21MOY88 | Ghiggeri and Stonebarger, LLC | Ag/ off-road | Replacement of 2 pieces of diesel off-road agricultural equipment | \$ 118,940 | \$ 148,682 | 0.708 | 0.086 | 0.056 | Contra Costa |
| 1 Project | | | | \$ 118,940 | \$ 148,682 | 0.708 | 0.086 | 0.056 | |

Table 2 - Transportation Fund for Clean Air projects with grant awards greater than \$100k (Evaluated between 10/3/19 and 11/21/19)

| Project # | Applicant name | Project Category | Project Description | Proposed contract award | Total project cost | Emission Reductions (Tons per year) | | | County |
|-------------------|--|--------------------|--|-------------------------|--------------------|-------------------------------------|-------|-------|--------------|
| | | | | | | NO _x | ROG | PM | |
| 19EV019 | San Rafael City Schools | LD Infrastructure | Install and operate 18 single-port and 54 dual-port Level 2 (high) charging stations at 8 workplace facilities in San Rafael | \$ 270,000 | \$ 369,514 | 0.124 | 0.185 | 0.004 | Marin |
| 20R15 | City of San Leandro | Bicycle Facilities | Install 0.26 miles of Class IV bikeway in San Leandro | \$ 220,000 | \$ 860,558 | 0.008 | 0.009 | 0.024 | Alameda |
| 20R11 | Town of Los Gatos | Bicycle Facilities | Install 1.58 miles of Class IV bikeway in Los Gatos | \$ 293,900 | \$ 982,455 | 0.010 | 0.015 | 0.029 | Santa Clara |
| 20R23 | San Francisco Bay Area Rapid Transit District | Bicycle Facilities | Install and maintain 44 electronic bicycle lockers at the El Cerrito and San Leandro BART Stations | \$ 110,000 | \$ 167,301 | 0.015 | 0.018 | 0.044 | Multi-County |
| 20R18 | Associated Students, San Jose State University | Trip Reduction | SJSU Ridesharing & Trip Reduction | \$ 111,000 | \$ 187,986 | 0.154 | 0.162 | 0.372 | Multi-County |
| 5 Projects | | | | \$ 1,004,900 | \$ 2,567,814 | 0.311 | 0.389 | 0.473 | |

AGENDA 4 - ATTACHMENT 2

*CMP/MSIF, FARMER and Community Health Protection Grant Program approved projects
(between 7/3/19 and 11/21/19)*

| Project # | Equipment category | Project type | # of engines | Proposed contract award | Applicant name | Emission Reductions (Tons per year) | | | Board approval date | County |
|-----------|--------------------|-----------------------|--------------|-------------------------|---|--|-------|-------|---------------------|--------------|
| | | | | | | NOx | ROG | PM | | |
| 20MOY230 | Ag/ off-road | Equipment replacement | 1 | \$ 16,965.00 | Cornerstone Certified Vineyard | 0.024 | 0.019 | 0.006 | APCO | Sonoma |
| 20MOY235 | Ag/ off-road | Equipment replacement | 1 | \$ 46,690.00 | Goldridge Pinot, LLC dba Emeritus Vineyards | 0.170 | 0.026 | 0.019 | APCO | Sonoma |
| 20MOY241 | Ag/ off-road | Equipment replacement | 3 | \$ 129,500.00 | Linda Pierce Wedemeyer Exemption Trust | 0.217 | 0.039 | 0.021 | 10/2/2019 | Solano |
| 21MOY9 | On-road | Equipment replacement | 1 | \$ 60,000.00 | Prime Tank Lines, LLC | 0.802 | 0.060 | 0.005 | APCO | Contra Costa |
| 20MOY248 | On-road | Equipment replacement | 1 | \$ 40,000.00 | Amritpal Tindh (Truck owner/operator) | 0.604 | 0.052 | 0.000 | APCO | Alameda |
| 21MOY1 | On-road | Equipment replacement | 1 | \$ 40,000.00 | Freight 99 Express, Inc. (Truck owner/operator) | 0.280 | 0.024 | 0.000 | APCO | Alameda |
| 20MOY86 | On-road | Equipment replacement | 1 | \$ 25,000.00 | Sears Keith (Truck owner/operator) | 0.195 | 0.016 | 0.000 | APCO | Sacramento |
| 20MOY150 | On-road | Equipment replacement | 1 | \$ 40,000.00 | Sukhjeet Singh Cheema (Truck owner/operator) | 0.667 | 0.057 | 0.000 | APCO | San Joaquin |
| 21SBP2 | School bus | Equipment replacement | 1 | \$ 178,500.00 | Campbell Union School District | 0.064 | 0.005 | 0.000 | 10/2/2019 | Santa Clara |
| 20MOY227 | On-road | Equipment replacement | 1 | \$ 30,000.00 | JSK Trucking (Truck owner/operator) | 0.193 | 0.016 | 0.000 | APCO | San Joaquin |
| 20MOY239a | On-road | Equipment replacement | 1 | \$ 30,000.00 | DNA Trucking, Inc. | 0.252 | 0.021 | 0.000 | APCO | Solano |
| 20MOY239b | On-road | Equipment replacement | 1 | \$ 20,000.00 | DNA Trucking, Inc. | 0.203 | 0.017 | 0.000 | APCO | Solano |
| 20MOY245a | On-road | Equipment replacement | 1 | \$ 60,000.00 | Jorge Quintero DBA QDS Transportation | 1.271 | 0.097 | 0.008 | APCO | Alameda |
| 20MOY245b | On-road | Equipment replacement | 1 | \$ 60,000.00 | QDS Transportation | 0.817 | 0.061 | 0.005 | APCO | Alameda |
| 20MOY245c | On-road | Equipment replacement | 1 | \$ 60,000.00 | Ignacio Quintero (Truck owner/operator) | 0.900 | 0.068 | 0.005 | APCO | Alameda |
| 20MOY82 | On-road | Equipment replacement | 1 | \$ 35,000.00 | Surinder Atwal (Truck owner/operator) | 0.258 | 0.022 | 0.000 | APCO | Sacramento |

AGENDA 4 - ATTACHMENT 2

| Project # | Equipment category | Project type | # of engines | Proposed contract award | Applicant name | Emission Reductions (Tons per year) | | | Board approval date | County |
|-----------|--------------------|-----------------------|--------------|-------------------------|---|-------------------------------------|-------|-------|---------------------|---------------------------|
| | | | | | | NOx | ROG | PM | | |
| 20MOY232 | On-road | Equipment replacement | 1 | \$ 40,000.00 | Mahmoud Rastegar DBA: Prosper Dedicates Lines | 0.452 | 0.039 | 0.000 | APCO | Placer |
| 20MOY218 | On-road | Infrastructure | 1 | \$ 13,717.00 | Penske Truck Leasing Co., L.P. | 0.000 | 0.000 | 0.000 | APCO | Alameda/ San Francisco |
| 21MOY28 | Ag/ off-road | Equipment replacement | 1 | \$ 63,850.00 | Bains Farms, LLC. | 0.082 | 0.014 | 0.010 | APCO | Solano |
| 21MOY17 | Ag/ off-road | Equipment replacement | 1 | \$ 43,350.00 | Sweet Lane Nursery and Vineyards, Inc. | 0.041 | 0.009 | 0.008 | APCO | Sonoma |
| 21MOY23 | Ag/ off-road | Equipment replacement | 2 | \$ 86,100.00 | Trefethen Farming, LLC. | 0.178 | 0.043 | 0.034 | APCO | Napa |
| 20MOY250 | Marine | Engine replacement | 4 | \$ 1,288,000.00 | Amnav Maritime Corporation (Vessel: Patricia Ann) | 8.609 | 0.270 | 0.476 | 10/2/2019 | Alameda |
| 21MOY31 | Ag/ off-road | Equipment replacement | 1 | \$ 185,400.00 | Gerald & Kristy Spalletta (Dairy) | 0.566 | 0.074 | 0.052 | 10/2/2019 | Sonoma |
| 21MOY25 | On-road | Equipment replacement | 1 | \$ 49,500.00 | J and A Trucking, Inc. | 1.350 | 0.202 | 0.010 | APCO | Alameda |
| 21MOY21 | Ag/ off-road | Equipment replacement | 4 | \$ 249,600.00 | Renteria Vineyard Management, LLC. | 0.790 | 0.121 | 0.089 | 10/2/2019 | Napa |
| 21MOY41 | Ag/ off-road | Equipment replacement | 2 | \$ 31,750.00 | Geoffrey Allen (Nursery) | 0.105 | 0.030 | 0.012 | APCO | San Mateo |
| 21MOY30 | Ag/ off-road | Equipment replacement | 2 | \$ 67,100.00 | Jaswant S. Bains (Farmer) | 0.289 | 0.044 | 0.025 | APCO | Solano |
| 21MOY33 | Off-road | Equipment replacement | 2 | \$ 355,500.00 | S.E.G Trucking | 1.044 | 0.074 | 0.052 | 10/2/2019 | Contra Costa |
| 21MO12 | On-road | Equipment replacement | 1 | \$ 30,000.00 | Oscar Transport/ Oscar Rivera (Truck owner/ operator) | 0.401 | 0.034 | 0.000 | APCO | Alameda |
| 21MOY34 | Ag/ off-road | Equipment replacement | 2 | \$ 456,200.00 | Custom Tractor Service | 2.260 | 0.211 | 0.115 | 10/2/2019 | Sonoma |
| 21MOY14 | Ag/ off-road | Equipment replacement | 5 | \$ 198,850.00 | Bayview Vineyards Corp. | 0.826 | 0.164 | 0.090 | 10/2/2019 | Napa |
| 21MOY47 | Ag/ off-road | Equipment replacement | 1 | \$ 151,000.00 | DeBernardi Dairy, Inc. | 0.438 | 0.040 | 0.022 | 10/2/2019 | Sonoma |
| 21MOY51 | Marine | Engine replacement | 4 | \$ 2,916,000.00 | Crowley Marine Services | 43.259 | 4.409 | 1.420 | 10/2/2019 | Alameda |

AGENDA 4 - ATTACHMENT 2

| Project # | Equipment category | Project type | # of engines | Proposed contract award | Applicant name | Emission Reductions (Tons per year) | | | Board approval date | County |
|-----------|--------------------|--------------------------------|--------------|-------------------------|--|-------------------------------------|--------|-------|---------------------|---------------|
| | | | | | | NOx | ROG | PM | | |
| 21MOY36 | Off-road | Equipment replacement | 1 | \$ 74,000.00 | John Benward Co. | 0.564 | 0.028 | 0.021 | APCO | Sonoma |
| 20MOY217 | Off-road | Portable equipment replacement | 1 | \$ 863,500.00 | Oakland Pallet Co., Inc. | 2.577 | 0.215 | 0.076 | 10/2/2019 | Alameda |
| 20SBP246 | School bus | Equipment replacement | 2 | \$ 179,020.00 | Newark Unified School District | 0.037 | 0.002 | 0.000 | 10/2/2019 | Alameda |
| 21MOY46 | Off-road | Equipment replacement | 6 | \$ 772,500.00 | Bigge Crane and Rigging Company | 4.210 | 0.435 | 0.254 | 10/2/2019 | Alameda |
| 21MOY37 | On-road | Equipment replacement | 1 | \$ 30,000.00 | Joginder Singh (Truck owner/ operator) | 0.392 | 0.033 | 0.000 | APCO | Alameda |
| 21MOY19 | Ag/ off-road | Equipment replacement | 3 | \$ 127,400.00 | Nissen Vineyard Services, Inc. | 0.487 | 0.088 | 0.066 | 11/20/2019 | Napa |
| 21MOY56 | Ag/ off-road | Equipment replacement | 1 | \$ 21,550.00 | Groth Vineyards and Winery, LLC | 0.047 | 0.038 | 0.010 | APCO | Napa |
| 21MOY54 | Ag/ off-road | Equipment replacement | 1 | \$ 31,100.00 | Siebert Vineyards | 0.079 | 0.012 | 0.007 | APCO | Sonoma |
| 21MOY53 | Ag/ off-road | Equipment replacement | 1 | \$ 63,150.00 | St. Supery, Inc. | 0.159 | 0.025 | 0.019 | APCO | Napa |
| 21MOY59 | Off-road | Equipment replacement | 1 | \$ 167,500.00 | Concrush, Inc. | 0.696 | 0.065 | 0.037 | 11/20/2019 | Solano |
| 21MOY64 | Ag/ off-road | Equipment replacement | 1 | \$ 170,200.00 | Achadinha Cheese, Inc. | 1.546 | 0.171 | 0.097 | 11/20/2019 | Sonoma |
| 21MOY50 | On-road | Equipment replacement | 1 | \$ 35,000.00 | Bal transport, Inc. | 0.464 | 0.033 | 0.000 | APCO | Alameda |
| 21MOY73 | Ag/ off-road | Equipment replacement | 2 | \$ 153,695.00 | Robert Giacomini Dairy, Inc | 0.276 | 0.040 | 0.023 | 11/20/2019 | Marin |
| 21MOY60 | Marine | Engine replacement | 2 | \$ 276,000.00 | Bass Tub Fishing | 0.489 | 0.000 | 0.026 | 11/20/2019 | Contra Costa |
| 21MOY71 | Marine | Engine replacement | 2 | \$ 3,814,000.00 | Foss Maritime | 15.352 | 1.518 | 0.504 | 11/20/2019 | Contra Costa |
| 21SBP77 | School bus | Equipment replacement | 16 | \$ 3,478,697.00 | Mt. Diablo Unified School District | 1.040 | 0.075 | 0.005 | 11/20/2019 | Contra Costa |
| 20MOY103 | Marine | Engine replacement | 2 | \$ 130,000.00 | Westar Marine Services | 0.221 | -0.007 | 0.014 | 11/20/2019 | San Francisco |

AGENDA 4 - ATTACHMENT 2

| Project # | Equipment category | Project type | # of engines | Proposed contract award | Applicant name | Emission Reductions (Tons per year) | | | Board approval date | County |
|-----------|--------------------|-----------------------|--------------|-------------------------|--|-------------------------------------|-------|-------|---------------------|---------------|
| | | | | | | NOx | ROG | PM | | |
| 21MOY61 | Off-road | Equipment replacement | 6 | \$ 811,875.00 | Amazon Recycling and Disposal, Inc. | 3.679 | 0.584 | 0.369 | 11/20/2019 | Alameda |
| 20SBP23 | School bus | Equipment replacement | 2 | \$ 373,861.00 | Sonoma Valley Unified School District - Increase of ~\$12k from 3/6/19 approval. | 0.131 | 0.009 | 0.001 | 11/20/2019 | Sonoma |
| 21MOY65 | Ag/ off-road | Equipment replacement | 2 | \$ 140,440.00 | Simoni & Massoni Farms, LLC | 0.695 | 0.103 | 0.064 | 11/20/2019 | Contra Costa |
| 21MOY43 | On-road | Equipment replacement | 1 | \$ 15,000.00 | Narwal Trucking, Inc. | 0.130 | 0.011 | 0.000 | APCO | Sacramento |
| 21MOY66 | On-road | Equipment replacement | 1 | \$ 15,000.00 | Kapil Kumar (Truck owner/ operator) | 0.136 | 0.011 | 0.000 | APCO | Sacramento |
| 21MOY69 | Ag/ off-road | Equipment replacement | 1 | \$ 51,580.00 | Anselmo Farms, LLC | 0.121 | 0.024 | 0.014 | APCO | Solano |
| 21MOY67 | On-road | Equipment replacement | 1 | \$ 40,000.00 | Gurchehan Johal (Truck owner/ operator) | 0.294 | 0.025 | 0.000 | APCO | Sacramento |
| 21MOY85 | On-road | Equipment replacement | 1 | \$ 10,000.00 | W&D Wholesale Foods, INC | 0.271 | 0.032 | 0.014 | APCO | San Francisco |
| 21MOY48a | On-road | Equipment replacement | 1 | \$ 40,000.00 | Gonzalez Pallets, Inc. | 0.827 | 0.072 | 0.006 | APCO | Santa Clara |
| 21MOY48b | On-road | Equipment replacement | 1 | \$ 40,000.00 | Gonzalez Pallets, Inc. | 0.874 | 0.076 | 0.006 | APCO | Santa Clara |
| 21MOY48c | On-road | Equipment replacement | 1 | \$ 40,000.00 | Gonzalez Pallets, Inc. | 0.666 | 0.057 | 0.005 | APCO | Santa Clara |
| 21MOY48d | On-road | Equipment replacement | 1 | \$ 40,000.00 | Gonzalez Pallets, Inc. | 0.763 | 0.066 | 0.005 | APCO | Santa Clara |
| 21MOY83 | On-road | Equipment replacement | 1 | \$ 45,000.00 | DJ Trucking Enterprise, Inc. | 0.366 | 0.048 | 0.002 | APCO | Monterey |
| 21MOY82 | Ag/ off-road | Equipment replacement | 1 | \$ 58,600.00 | Andrews Vineyards | 0.118 | 0.025 | 0.018 | APCO | Solano |
| 21SBP32 | School bus | CNG Tank replacement | 2 | \$ 40,000.00 | Newark Unified School District | 0.000 | 0.000 | 0.000 | APCO | Alameda |
| 21MOY87 | On-road | Equipment replacement | 1 | \$ 40,000.00 | Gurjit S. Mann (Truck owner/ operator) | 0.654 | 0.057 | 0.000 | APCO | Alameda |
| 21MOY8 | Ag/ off-road | Equipment replacement | 1 | \$ 57,300.00 | Garry Mahrt (Dairy and sheep farm) | 0.093 | 0.009 | 0.005 | APCO | Sonoma |
| 21MOY27 | Ag/ off-road | Equipment replacement | 1 | \$ 60,350.00 | Four Seasons Vineyard Management | 0.130 | 0.007 | 0.007 | APCO | Sonoma |

AGENDA 4 - ATTACHMENT 2

| Project # | Equipment category | Project type | # of engines | Proposed contract award | Applicant name | Emission Reductions (Tons per year) | | | Board approval date | County |
|--------------------|--------------------|-----------------------|--------------|-------------------------|--|-------------------------------------|---------------|--------------|---------------------|--------------|
| | | | | | | NOx | ROG | PM | | |
| 21MOY72 | Ag/ off-road | Equipment replacement | 2 | \$ 93,380.00 | Napa Second Generation, Inc. (Vineyard management) | 0.423 | 0.053 | 0.042 | APCO | Sonoma |
| 21MOY88 | Ag/ off-road | Equipment replacement | 1 | \$ 118,940.00 | Ghiggeri and Stonebarger, LLC | 0.708 | 0.086 | 0.056 | TBD | Contra Costa |
| 70 Projects | | | 126 | \$ 19,666,260.00 | | 107.322 | 10.505 | 4.257 | | |

MOBILE SOURCE COMMITTEE
MEETING OF 12/18/2019

AGENDA 4 - ATTACHMENT 3

Table 1 - Summary of all TFCA approved and eligible projects (evaluated between 7/1/19 and 11/21/19)

| Project # | Project Category | Project Description | Award Amount | Applicant Name | Emission Reductions (Tons per year) | | | Board/APCO Approval Date | CARE Area | County |
|-----------|-------------------|--|--------------|---|-------------------------------------|-------|-------|--------------------------|-----------|---------------|
| | | | | | NO _x | ROG | PM | | | |
| 19EV006 | LD Infrastructure | Install and operate 20 DC Fast charging stations at 7 Transportation Corridor facilities in San Francisco, Novato, Emeryville and Santa Clara | \$500,000 | EVgo Services, LLC | 0.268 | 0.103 | 0.021 | 7/3/19 | Yes | Multi-County |
| 19EV016 | LD Infrastructure | Install and operate 7 dual-port level 2 (low) charging stations at a workplace facility in Napa | \$17,500 | County of Napa | 0.008 | 0.012 | 0.000 | 10/2/19 | No | Napa |
| 19EV017 | LD Infrastructure | Install and operate 2 single-port Level 2 (high) charging stations with a 17.28 kW solar array at a Destination facility in Richmond | \$12,000 | AHAH LLC | 0.003 | 0.004 | 0.000 | 7/2/19 | Yes | Contra Costa |
| 19EV019 | LD Infrastructure | Install and operate 18 single-port and 54 dual-port Level 2 (high) charging stations at 8 workplace facilities in San Rafael | \$270,000 | San Rafael City Schools | 0.124 | 0.185 | 0.004 | Pending | Yes | Marin |
| 19EV020 | LD Infrastructure | Install and operate 16 single-port level 2 (high) charging stations at a multi-dwelling unit facility in San Francisco | \$37,648 | One Rincon Hill Association | 0.015 | 0.022 | 0.000 | 10/30/19 | Yes | San Francisco |
| 19EV021 | LD Infrastructure | Install and operate 14 single port level 2 (high) and 1 single port level 2 (low) charging stations at 4 workplace, 2 multi-dwelling unit and 1 transit parking facilities in Richmond | \$55,500 | City of Richmond | 0.020 | 0.030 | 0.001 | 11/15/19 | Yes | Contra Costa |
| 19EV022 | LD Infrastructure | Install and operate 2 single port Level 2 (high) charging stations at 1 multi-dwelling unit facility in Palo Alto | \$14,000 | W-K Arastradero, LLC | 0.003 | 0.004 | 0.000 | 8/28/19 | No | Santa Clara |
| 19EV023 | LD Infrastructure | Install and operate 3 dual-port Level 2 (high) charging stations at a multi-dwelling unit facility in San Mateo | \$24,000 | Mode Residences, LLC | 0.006 | 0.008 | 0.000 | 7/31/19 | No | San Mateo |
| 19EV025 | LD Infrastructure | Install and operate 2 dual-port level 2 (high) charging stations at a multi-dwelling unit facility in Campbell | \$16,000 | Revere Residences, LLC | 0.004 | 0.006 | 0.000 | 9/3/19 | Yes | Santa Clara |
| 19EV033 | LD Infrastructure | Install and operate 5 dual-port level 2 (high) charging stations at a workplace facility in Napa | \$20,000 | City of Napa | 0.009 | 0.014 | 0.003 | 8/14/19 | No | Napa |
| 19EV034 | LD Infrastructure | Install and operate 2 single-port Level 2 (high) and 24 dual-port Level 2 (high) charging stations at 1 workplace facility in Milpitas | \$78,000 | View, Inc. | 0.036 | 0.053 | 0.001 | 8/20/19 | No | Santa Clara |
| 19EV035 | LD Infrastructure | Install and operate 3 single port level 2 (high) charging stations at 1 multi-dwelling unit facility in Hayward | \$10,013 | Edward D. Kellard dba Windsor Arms | 0.006 | 0.009 | 0.000 | 10/30/19 | Yes | Alameda |
| 19EV038 | LD Infrastructure | Install and operate 4 dual port and 3 single port level 2 (high) charging stations at 1 destination facility in Santa Clara | \$5,000 | City of Santa Clara | 0.012 | 0.017 | 0.000 | 10/9/19 | Yes | Santa Clara |
| 19EV042 | LD Infrastructure | Install and operate 12 dual port level 2 (high) charging stations at 6 workplace and 1 multi dwelling unit facilities in Corte Madera, Sunnyvale, Fairfield, Pleasanton and San Ramon | \$57,000 | Cool Earth Solar Development | 0.022 | 0.033 | 0.001 | 10/22/19 | Yes | Multi-County |
| 19EV046 | LD Infrastructure | Install and operate 18 single-port level 2 (high) charging stations at 2 destination facilities in San Francisco | \$36,594 | Imperial Parking (U.S.), LLC dba Impark | 0.019 | 0.028 | 0.001 | 10/29/19 | Yes | San Francisco |
| 19EV048 | LD Infrastructure | Install and operate 7 dual-port level 2 (high) and 2 DC fast charging stations at a workplace facility in Santa Clara | \$64,000 | Roche Molecular Systems, Inc. | 0.030 | 0.044 | 0.001 | 9/30/19 | Yes | Santa Clara |
| 19EV050 | LD Infrastructure | Install and operate 5 dual-port Level 2 (high) charging stations at 4 multi-dwelling unit facilities in Rhonert Park and Santa Rosa | \$40,000 | Warm Springs Realty Holdings, LLC | 0.009 | 0.014 | 0.003 | 9/6/19 | No | Sonoma |
| 19EV056 | LD Infrastructure | Install and operate 4 single-port level 2 (high) charging stations at 1 multi-dwelling facility in Oakland | \$10,000 | Uptown Place Homeowner's Association | 0.002 | 0.003 | 0.000 | 9/24/19 | Yes | Alameda |
| 19EV057 | LD Infrastructure | Install and operate 8 single-port and 28 dual-port level 2 (high) charging stations at 3 workplace facilities in Atherton and Redwood City | \$99,000 | Redwood City School District | 0.046 | 0.068 | 0.001 | 9/3/19 | No | San Mateo |
| 19EV063 | LD Infrastructure | Install and operate 8 dual-port level 2 (high) charging stations at 2 workplace facilities in Milpitas | \$32,000 | City of Milpitas | 0.015 | 0.022 | 0.004 | 9/10/19 | No | Santa Clara |
| 19EV064 | LD Infrastructure | Install and operate 40 single-port level 2 (high) charging stations at 5 workplace facilities in Pleasanton, Walnut Creek, San Jose and Fremont | \$30,000 | JKL Corporation | 0.014 | 0.020 | 0.000 | 10/18/19 | Yes | Multi-County |
| 19EV065 | LD Infrastructure | Install and operate 606 single-port Level 2 (high) and 6 DC Fast charging stations at 18 multi-dwelling unit and workplace facilities in San Francisco, San Jose, Walnut Creek, Palo Alto, Sunnyvale, Belmont, Oakland and Livermore | \$2,500,000 | PowerFlex Systems, LLC | 0.881 | 1.309 | 0.026 | 10/2/19 | Yes | Multi-County |
| 19EV068 | LD Infrastructure | Install and operate 3 dual-port level 2 (high) charging stations at 1 workplace facility in Burlingame | \$12,000 | Aperia Technologies, Inc. | 0.006 | 0.008 | 0.000 | 10/29/19 | No | San Mateo |
| 19EV070 | LD Infrastructure | Install and operate 4 single port level 2 (high) charging stations at a destination facility in San Francisco | \$12,000 | Hornblower Cruises and Events | 0.006 | 0.008 | 0.000 | 11/3/19 | Yes | San Francisco |
| 19EV072 | LD Infrastructure | Install and operate 4 single port Level 2 (high) charging stations with a 16.7 kW solar array at a workplace facility in Sonoma | \$16,000 | Sweazey Property Investments, LLC | 0.006 | 0.008 | 0.000 | 10/18/19 | No | Sonoma |
| 19EV076 | LD Infrastructure | Install and operate 15 single-port Level 2 (high) and 1 DC Fast charging stations at 1 multi-dwelling unit facility in Milpitas | \$123,000 | Milpitas - District 1 Associates, LLC | 0.029 | 0.043 | 0.001 | 11/19/19 | No | Santa Clara |
| 19EV077 | LD Infrastructure | Install and operate 40 DC Fast charging stations at 8 Transportation Corridor facilities in San Ramon, San Mateo, Newark, San Francisco, Millbrae, Cupertino, Castro Valley and Emeryville | \$1,000,000 | EVgo Services, LLC | 0.336 | 0.499 | 0.010 | 10/2/19 | Yes | Multi-County |

AGENDA 4 - ATTACHMENT 3

Table 1 - Summary of all TFCA approved and eligible projects (evaluated between 7/1/19 and 11/21/19)

| Project # | Project Category | Project Description | Award Amount | Applicant Name | Emission Reductions (Tons per year) | | | Board/APCO Approval Date | CARE Area | County |
|--------------------|------------------------|--|---------------------|---|-------------------------------------|--------------|--------------|--------------------------|-----------|---------------|
| | | | | | NO _x | ROG | PM | | | |
| 20R26 | On-road Trucks & Buses | Purchase and operate one battery-electric shuttle | \$13,500 | California State University - Maritime Academy | 0.005 | 0.003 | 0.001 | 10/2/19 | Yes | Solano |
| 20R02 | LD Vehicles | Vehicle Buy Back Program | \$150,000 | BAAQMD | N/A | N/A | N/A | NA | No | Regional |
| 20R01 | Trip Reduction | Enhanced Mobile Source & Commuter Benefits Enforcement | \$80,230 | BAAQMD | N/A | N/A | N/A | NA | No | Regional |
| 20R03 | Trip Reduction | Spare The Air/Intermittent Control Programs | \$2,185,138 | BAAQMD | N/A | N/A | N/A | NA | No | Regional |
| 20R06 | Trip Reduction | PresidioGo Downtown Shuttle | \$120,000 | Presidio Trust | 0.129 | 0.206 | 0.429 | 11/20/2019 | Yes | San Francisco |
| 20R08 | Trip Reduction | Pleasanton Connector Shuttles | \$80,000 | San Joaquin Regional Rail Commission | 0.202 | 0.285 | 0.772 | 11/20/2019 | Yes | Alameda |
| 20R10 | Trip Reduction | Caltrain Shuttle Program | \$485,000 | Peninsula Corridor Joint Powers Board | 1.892 | 2.220 | 5.292 | 11/20/2019 | No | Multi-County |
| 20R13 | Trip Reduction | Cupertino On-Demand Shuttle Pilot Program | \$423,000 | Santa Clara Valley Transportation Authority (VTA) | 0.122 | 0.134 | 0.308 | 11/20/2019 | No | Santa Clara |
| 20R18 | Trip Reduction | SJSU Ridesharing & Trip Reduction | \$111,000 | Associated Students, San Jose State University | 0.154 | 0.162 | 0.372 | Pending | Yes | Multi-County |
| 20R09 | Bicycle Facilities | Install 0.2 miles of Class I bikeway in San Ramon | \$390,000 | City of San Ramon | 0.012 | 0.018 | 0.041 | 11/20/2019 | Yes | Contra Costa |
| 20R17 | Bicycle Facilities | Install and maintain 80 electronic bicycle lockers in Belmont, Redwood City, Mountain View, Lawrence, and San Jose | \$200,000 | Peninsula Corridor Joint Powers Board | 0.043 | 0.048 | 0.130 | 11/20/2019 | Yes | Multi-County |
| 20R19 | Bicycle Facilities | Construct and maintain a bike station with 270 new secure bike parking spaces in Oakland | \$675,000 | San Francisco Bay Area Rapid Transit District | 0.072 | 0.095 | 0.237 | 11/20/2019 | Yes | Alameda |
| 20R12 | Bicycle Facilities | Install and maintain 20 electronic bicycle lockers at San Francisco General Hospital | \$34,000 | San Francisco Department of Public Health | 0.004 | 0.005 | 0.009 | 11/21/2019 | Yes | San Francisco |
| 20R15 | Bicycle Facilities | Install 0.26 miles of Class IV bikeway in San Leandro | \$220,000 | City of San Leandro | 0.008 | 0.009 | 0.024 | Pending | Yes | Alameda |
| 20R11 | Bicycle Facilities | Install 1.58 miles of Class IV bikeway in Los Gatos | \$293,900 | Town of Los Gatos | 0.010 | 0.015 | 0.029 | Pending | No | Santa Clara |
| 20R21 | Bicycle Facilities | Install 518 bike rack parking spaces in 8 schools in Palo Alto | \$38,800 | Palo Alto Unified School District | 0.028 | 0.061 | 0.041 | 11/21/2019 | No | Santa Clara |
| 20R22 | Bicycle Facilities | Install and maintain 20 electronic bicycle lockers at the Berkeley Marina Mall | \$50,000 | City of Berkeley | 0.006 | 0.008 | 0.018 | 11/20/2019 | Yes | Alameda |
| 20R23 | Bicycle Facilities | Install and maintain 44 electronic bicycle lockers at the El Cerrito and San Leandro BART Stations | \$110,000 | San Francisco Bay Area Rapid Transit District | 0.015 | 0.018 | 0.044 | Pending | Yes | Multi-County |
| 45 Projects | | | \$10,771,123 | | 4.633 | 5.920 | 7.827 | | | |

Table 2 - Summary of all RFG approved and eligible projects (evaluated between 7/1/18 and 11/21/19)

| Project # | Project Category | Project Description | Award Amount | Applicant Name | Emission Reductions (Tons per year) | | | Board/APCO Approval Date | CARE Area | County |
|-------------------|-------------------|---|------------------|--|-------------------------------------|--------------|--------------|--------------------------|-----------|---------|
| | | | | | NO _x | ROG | PM | | | |
| 19RFG06* | LD Infrastructure | Install and operate 49 dual port level 2 EV charging stations | \$94,000 | Hayward Unified School District | 0.054 | 0.071 | 0.001 | 10/17/18 | Yes | Alameda |
| 19RFG13 | LD Infrastructure | Install and operate ten 60kW DC fast charging stations | \$389,400 | EVgo Service, LLC | 0.040 | 0.060 | 0.001 | 6/5/19 | Yes | Alameda |
| 19RFG04* | Off-road (non-ag) | Purchase and operate three electric forklifts and one electric terminal truck | \$40,200 | Wyse Logistics | 0.097 | 0.013 | 0.006 | 10/17/18 | Yes | Alameda |
| 19RFG14 | Off-road (non-ag) | Purchase and operate one electric terminal tractor | \$39,400 | Oakland Maritime Support Services, Inc. | 0.066 | 0.011 | 0.007 | 5/23/19 | Yes | Alameda |
| 19RFG16 | Off-road (non-ag) | Purchase and operate one electric terminal tractor | \$80,000 | GSC Logistics, Inc. | 0.051 | 0.002 | 0.003 | 8/29/19 | Yes | Alameda |
| 19RFG18 | Off-road (non-ag) | Purchase and operate five electric vehicles | \$47,200 | Another Corporate ISP LLP DBA Monkeybrains | 0.002 | 0.001 | 0.003 | 10/30/19 | Yes | Alameda |
| 19RFG19 | Off-road (non-ag) | Purchase and operate one electric terminal tractor | \$80,000 | Oakland Pallet Co. | 0.097 | 0.001 | 0.003 | 10/30/19 | Yes | Alameda |
| 7 Projects | | | \$770,200 | | 0.407 | 0.159 | 0.025 | | | |

* The award amounts for these Reformulated Gasoline Settlement Fund (RFG) projects excludes a total of \$252,000 in matching TFCA funds.

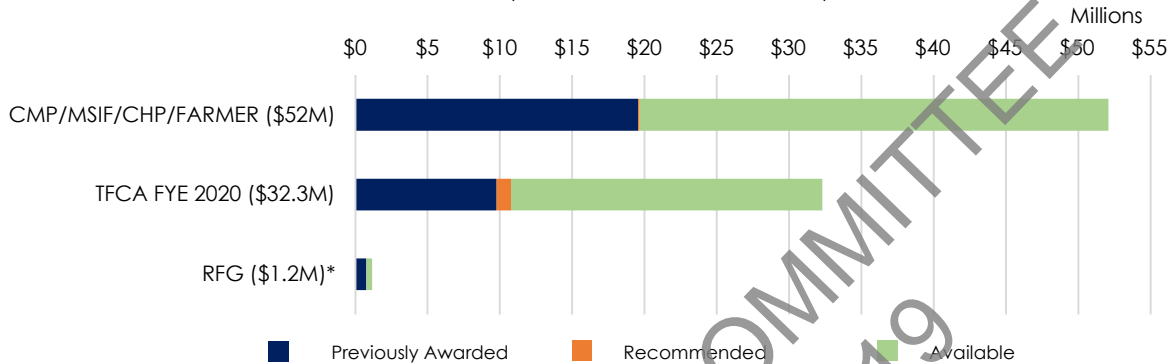
AGENDA 4 - ATTACHMENT 4

Figures 1-3 summarize funding awarded from the following revenues sources:

- Carl Moyer Program (CMP)
- Community Health Protection Program (CHP)
- Funding Agricultural Replacement Measures for Emission Reductions (FARMER)
- Mobile Source Incentive Fund (MSIF)
- Transportation Fund for Clean Air (TFCA)
- Reformulated Gasoline Settlement Fund (RFG)

Figure 1. Status of FYE 2020 funding by revenue source

includes funds awarded, recommended for award, and available



* Includes funding awarded in FYE 2019

Figure 2. Funding awarded in FYE 2020 by county

includes funds awarded & recommended for award

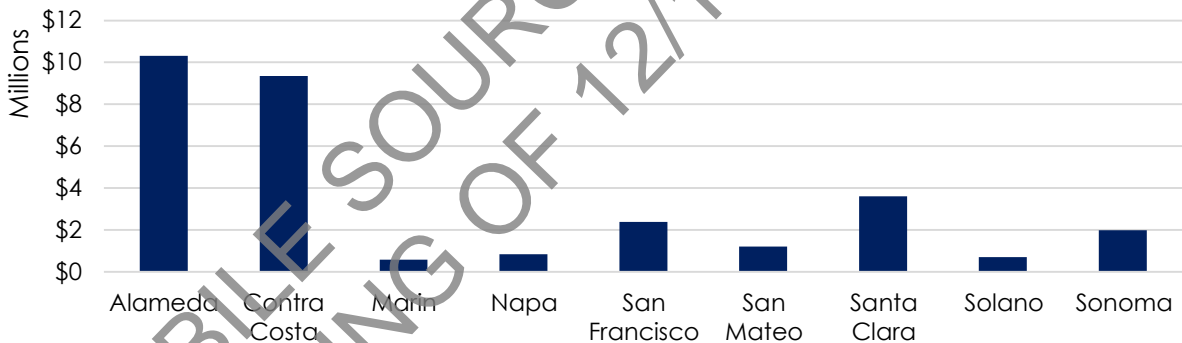
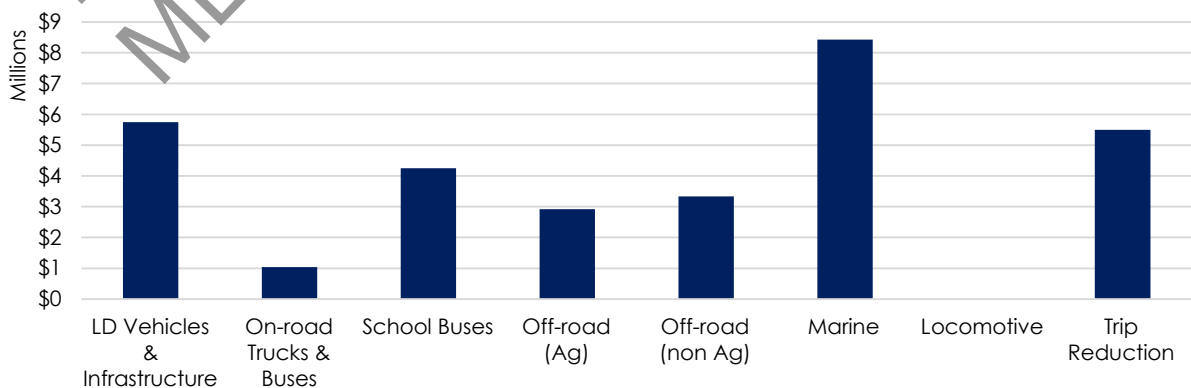


Figure 3. Funding awarded in FYE 2020 by project category

includes funds awarded & recommended for award



AGENDA 4 - ATTACHMENT 4

Figure 4. CMP/MSIF/CHP/FARMER funding awarded since 2009 by county

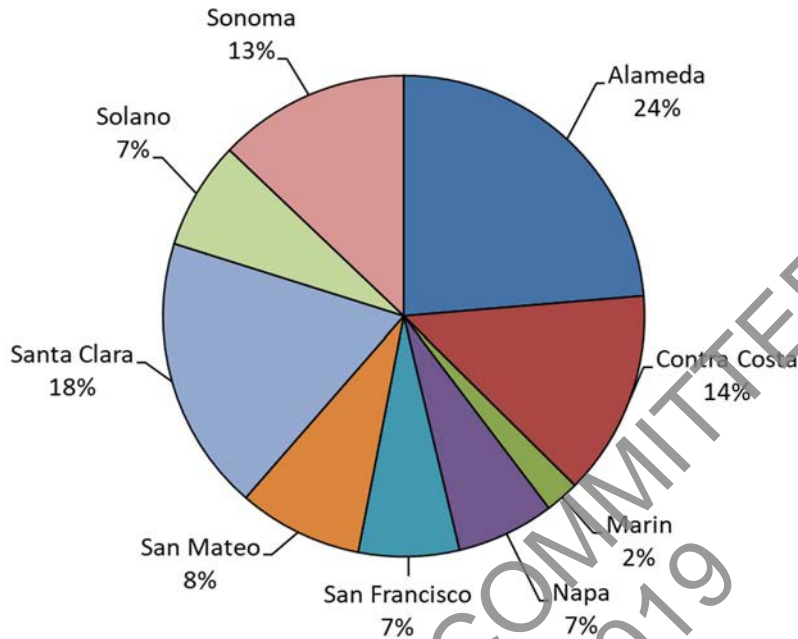
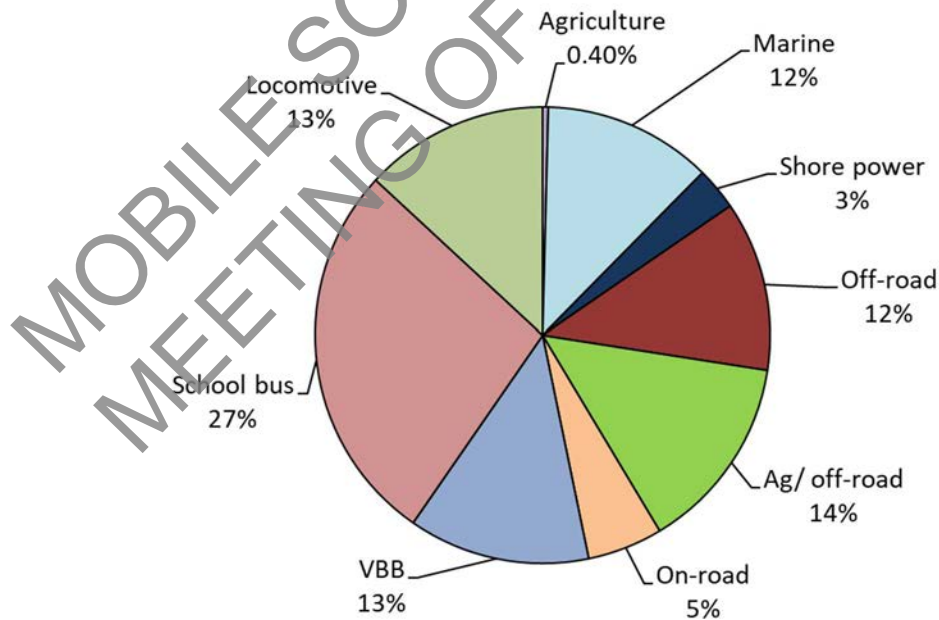


Figure 5. CMP/MSIF/CHP/FARMER funding awarded since 2009 by category



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 13, 2019

Re: Transportation Fund for Clean Air (TFCA) Program Audit #20 Results

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In 1991, the California State Legislature authorized the Bay Area Air Quality Management District (Air District) to impose a \$4 surcharge on motor vehicles registered within the nine-county Bay Area to fund projects that reduce on-road motor vehicle emissions. Since 1992, the Air District has allocated these funds to its Transportation Fund for Clean Air (TFCA) Program to fund eligible projects and programs. The statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code (HSC) Sections 44241 and 44242.

Sixty percent of TFCA funds are awarded by the Air District to eligible projects and programs implemented directly by the Air District (e.g., Spare the Air) and through a grant program known as the Regional Fund. The remaining 40% of TFCA funds are forwarded to the designated agency within each Bay Area county to be distributed via the County Program Manager Fund.

HSC Section 44242 requires that the Air District conduct an audit of projects and programs funded with TFCA monies, at least once every two years. The Air District audits Regional Fund projects and Air District-Sponsored programs annually and County Program Manager Fund projects biennially. On October 4, 2017, the Air District's Board of Directors (Board) approved the award of a contract to Simpson & Simpson, LLP for audit services, including a financial and compliance review of TFCA-funded projects and programs.

DISCUSSION

The Audit Summary Report, included as Attachment 1, summarizes the results of TFCA Audit #20. In total, Simpson & Simpson, LLP conducted financial and compliance audits of 43 TFCA projects, which include Regional Fund projects and Air District-sponsored programs completed¹ prior to June 30, 2019, and a review of the Air District's administrative expense of TFCA funds incurred between July 1, 2017 and June 30, 2018. A list of these projects is available in Appendix B of the attached report. **No findings were identified during this audit.**

Audit field work was conducted by Simpson & Simpson, LLP during the months of March 2019 through November 2019. Following the completion of field work, Simpson & Simpson, LLP issued a draft audit report to each of the project sponsors and offered an opportunity to those with any preliminary findings to provide a management response.

In addition to conducting the financial and compliance audits, Simpson & Simpson, LLP also performed a review of Agreed-Upon Procedures (AUP) to verify project sponsors' compliance with other aspects of the TFCA Funding Agreement, including that:

1. Expenditures are properly supported;
2. Administrative expenses are appropriately documented;
3. Use of an indirect cost rate is consistent with the Air District Guidelines;
4. Appropriate resolutions authorizing the grant application are adopted or, where applicable, an authorizing letter of commitment is included;
5. Required reports are submitted on time and contained all information required;
6. The Air District is acknowledged as a project funder, and
7. Matching Funds requirements are met or exceeded.

The results of the review were included in a separate AUP Report, which is being reviewed internally by the Air District.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Administrative costs for the TFCA audit and staff are provided by the funding source.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Betty Kwan

Reviewed by: Karen Schkolnick, Chengfeng Wang, and Ken Mak

Attachment 1: TFCA Audit #20 Summary Report (to be distributed at the meeting)

¹ For the purpose of TFCA audit, a project is considered “completed” when the Air District accepts and approves the project sponsor’s final invoice, which documents the project sponsor’s expenditure of all eligible project funds and the completion of transportation services or all initial project milestones (e.g., having procured, installed and/or placed all project-related vehicles, equipment, and infrastructure into service).

MOBILE SOURCE COMMITTEE
MEETING OF 12/18/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 13, 2019

Re: Report on Transportation Fund for Clean Air (TFCA) Project Expenditures and Effectiveness for Fiscal Year Ending (FYE) 2019

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

In 1991, the California State Legislature authorized the Bay Area Air Quality Management District (Air District) to impose a \$4 surcharge on motor vehicles registered within the nine-county Bay Area to fund projects that reduce on-road motor vehicle emissions. Since 1992, the Air District has allocated these funds to its Transportation Fund for Clean Air (TFCA) Program to fund eligible projects and programs. The statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code (HSC) Sections 44241 and 44242.

Sixty percent of TFCA funds are awarded by the Air District to eligible projects and programs implemented directly by the Air District (e.g., Spare the Air and Commuter Benefits Program) and through a grant program known as the Regional Fund. The remaining 40% of TFCA funds are forwarded to a designated agency ("County Program Manager") within each Bay Area county to be distributed via the County Program Manager Fund.

HSC Section 44241 requires that the Board hold a public hearing each year to review the Air District's expenditure of TFCA funds to determine their effectiveness in improving air quality. Additionally, County Program Managers are required to hold a public hearing each year to review their expenditure of TFCA funds.

DISCUSSION

The FYE 2019 Report on TFCA Projects Expenditures and Effectiveness, found in Attachment 1, evaluated a total of 44 projects that were completed prior to June 30, 2019, and three programs.

The following are key findings of the FYE 2019 report:

- TFCA funds were allocated to eligible projects and programs, consistent with the legislation that authorizes the TFCA program.
- The TFCA expenditures for projects and programs totaled \$6.01 million. This includes \$2.72 million in Regional Fund projects, \$2.23 million in Air District-sponsored programs, and \$1.06 million in administrative and indirect costs.
- Twenty-nine percent of TFCA Regional Fund expenditures went to projects in communities identified as cumulative impact areas by the Air District's Community Air Risk Evaluation (CARE) Program.
- During their operational period, the projects and programs reduced criteria pollutant emissions by an estimated 85.86 tons, including 22.64 tons of reactive organic gases (ROG), 19.88 tons of nitrogen oxides (NOx), and 43.34 tons of particulate matter (PM₁₀) – and reduced emissions of carbon dioxide (CO₂) by over 52,900 tons.

A discussion of the expenditures, emission reductions, and cost-effectiveness of these TFCA Regional Fund projects and Air District-sponsored programs will be presented at the Committee meeting.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. The Air District distributes TFCA monies as “pass-through” funds to public and nonpublic entities. Administrative costs for project staff are provided by the Air District's TFCA funding.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sean Newlin and Adriana Kolev
Reviewed by: Karen Schkolnick, Chengfeng Wang, and Ken Mak

Attachment 1: FYE 2019 Report on Expenditures and Effectiveness of TFCA Regional Fund Projects and Air District-Sponsored Programs

FISCAL YEAR ENDING (FYE) 2019
REPORT ON EXPENDITURES AND EFFECTIVENESS OF
TRANSPORTATION FUND FOR CLEAN AIR (TFCA)
REGIONAL FUND PROJECTS AND AIR DISTRICT SPONSORED PROGRAMS



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SUITE 600, SAN FRANCISCO, CA 94105

WWW.BAAQMD.GOV

DECEMBER 2019

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MOBILE SOURCE COMMITTEE
MEETING OF 12/18/2019

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THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

The California State Legislature created the Bay Area Air Quality Management District (Air District) in 1955 as the first regional air pollution control agency in the country, recognizing that air pollution transcends political boundaries. The San Francisco Bay Area forms a regional air basin, sharing common geographical features and weather patterns, and therefore similar air pollution burdens, which cannot be addressed by counties acting on their own.

The Air District is the public agency entrusted with regulating stationary sources of air pollution in the nine counties that surround San Francisco Bay: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, southwestern Solano, and southern Sonoma counties.

BACKGROUND

On-road motor vehicles, including cars, trucks, and buses, constitute the most significant source of air pollution in the San Francisco Bay Area. Vehicle emissions contribute to unhealthy levels of ozone (summertime "smog"), particulate matter, and greenhouse gases. Because of this, emission reductions from the on-road transportation sector are essential to helping the region attain State and Federal ambient air quality standards and meet greenhouse gas reduction commitments.

To protect public health, the California State Legislature enacted the California Clean Air Act in 1988. As part of the requirements, the Air District prepared and adopted the *2017 Clean Air Plan*, which includes transportation control measures, defined as any strategy "to reduce vehicle trips, vehicle use, vehicle miles traveled, vehicle idling, or traffic congestion for reducing motor vehicle emissions," and mobile source measures, which encourage the introduction of newer, cleaner motor vehicle technologies and the retirement of older, more polluting vehicles.

THE TRANSPORTATION FUND FOR CLEAN AIR

In 1991, the California State Legislature authorized the Air District to impose a \$4 surcharge on motor vehicles registered within the San Francisco Bay Area to fund projects that reduce on-road motor vehicle emissions. The Air District has allocated these funds to its Transportation Fund for Clean Air (TFCA) to fund eligible projects. The statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code (HSC) Sections 44241 and 44242.

Sixty percent of TFCA funds are awarded by the Air District's Board of Directors (Board) to eligible projects and programs implemented directly by the Air District (e.g., Commuter Benefits, Vehicle Buy-Back, and Spare the Air) and through a grant program known as the Regional Fund. The remaining forty percent of TFCA funds are pass-through funds to a designated agency within each Bay Area county to be distributed via the County Program Manager Fund. Each year, the Board adopts cost-effectiveness and other criteria for the evaluation and ranking of project applications for the TFCA Program.

In addition to reducing air pollution, including toxic diesel particulate matter, TFCA-funded projects have other benefits including the following:

- Conserving energy and helping to reduce emissions of carbon dioxide (CO₂);
- Reducing traffic congestion;

- Improving quality of life for residents and commuters by expanding access to services that provide first- and last-mile connections to rail, ferry, and mass transit; and
- Improving physical fitness and public safety by facilitating active modes of transportation such as walking and biking.

State legislation restricts TFCA funding to the following 11 categories of projects:

1. Implementation of ridesharing programs
2. Clean fuel school and transit bus purchases or leases
3. Feeder bus or shuttle service to rail/ferry stations and airports
4. Arterial traffic management
5. Rail-bus integration and regional transit information systems
6. Demonstrations in congestion pricing of highways, bridges and public transit
7. Low-emission vehicle projects
8. A smoking vehicles program
9. A vehicle buy-back scrappage program
10. Bicycle facility improvement projects
11. Physical improvements that support “smart growth” projects

California HSC Section 44241.5 requires the Board to hold a public hearing annually to review the expenditure of revenues received by the Air District pursuant to Section 44241 to determine their effectiveness in improving air quality. This report serves this purpose.

FYE 2019 SUMMARY

This report summarizes the *expenditures* and *effectiveness* of the 44 Regional Fund projects and 3 Air District-sponsored programs that were completed¹ as of the end of fiscal year ending (FYE) 2019 – which was June 30, 2019 – and that were not included in previous reports. **Appendix A** lists the each of the Regional Fund projects and Air District-sponsored programs that were summarized as part of this report.

¹ For the purpose of this report, staff considers a project to be “completed” when the Air District accepts and approves the project sponsor’s final invoice, which documents the project sponsor’s expenditure of all eligible project funds and the completion of transportation services or all initial project milestones (e.g., having procured, installed and/or placed all project-related vehicles, equipment, and infrastructure into service). Projects that involve the procurement of equipment/vehicles and construction of infrastructure typically also require continued operation of the funded equipment, vehicles, or infrastructure. These projects may continue to operate for several years after the final invoice is accepted and approved – until the operational and usage requirements are met.

Key Highlights of the Projects and Programs Included in this Report

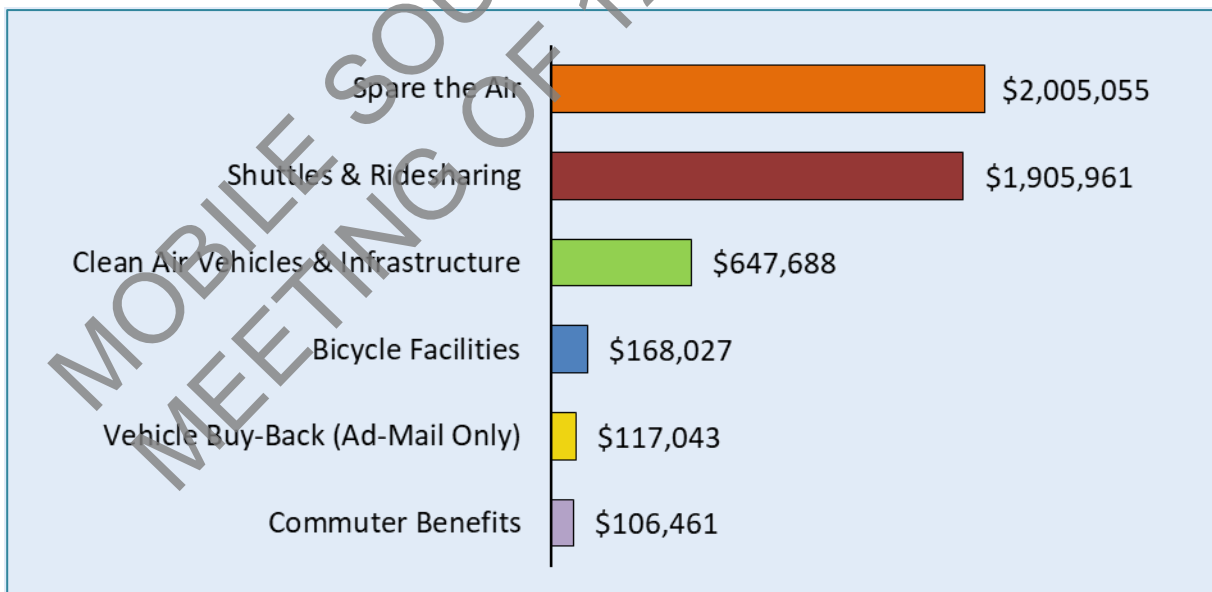
- TFCA funds were expended on eligible projects and programs, consistent with the legislation that authorizes the TFCA program.
- The TFCA expenditures for projects and programs totaled \$6.01 million. These expenditures include \$2.72 million in Regional Fund projects, \$2.23 million in Air District-sponsored programs, and \$1.06 million in administrative and indirect costs.
- 29% of TFCA Regional Fund expenditures went to projects in communities identified as *cumulative impact areas* by the Air District’s Community Air Risk Evaluation (CARE) Program.
- During their operational periods, the projects and programs reduced criteria pollutant emissions by an estimated 85.86 tons, including 22.64 tons of reactive organic gases (ROG), 19.88 tons of nitrogen oxides (NO_x), and 43.34 tons of particulate matter (PM₁₀) – and reduced emissions of carbon dioxide (CO₂), by over 52,900 tons.

EXPENDITURES

The expenditure of these projects and programs total approximately \$6.01 million. This total includes \$2.72 million for the programs administered directly by the Air District and \$2.23 million in Regional Fund grants to other organizations. In addition, the Air District expended about \$1.06 million in administrative and audit costs associated with the oversight of the TFCA program in FYE 2019.

A summary of the expenditures for these TFCA Regional Fund projects and Air District-sponsored programs is shown in **Figure 1**.

Figure 1. Summary of FYE 2019 Expenditures



EFFECTIVENESS

The cost-effectiveness of a project or program is calculated by dividing the amount of TFCA funds assigned to the project (awarded or expended) by the sum of criteria pollutant emissions (ROG, NO_x, and weighted PM₁₀) reduced by the project during its operational period. Therefore, Projects with a lower value for cost-effectiveness require less TFCA funds to reduce one ton of criteria emissions. Typically, relatively cost-effective

projects are highly utilized, involve the operation of zero-emission vehicles, are located in densely-populated areas or near activity centers or mass transit hubs, and/or are supported with relatively high percentages of matching funds.

Projects and programs included in this report will reduce criteria pollutant emissions over their operational periods by an estimated total of 85.86 tons. This total is the sum of ozone precursors (22.64 tons of ROG and 19.88 tons of NO_x) and particulate matter (43.34 tons of PM₁₀). These projects and programs will also reduce CO₂ emissions over their operational periods by an estimated 52,900 tons.²

The combined weighted-average cost-effectiveness of the projects and programs reported for FYE 2019 is \$51,397 per ton of criteria pollutant emissions reduced. Many projects continue to operate and reduce emissions even after their operational periods ended; these projects have the potential to be more cost-effective (i.e. lower cost per ton of emissions reduced) in reducing emissions than what is presented in this report.

A summary of expenditures, emission reductions, and cost-effectiveness values by program category is provided in **Table 1**.

Table 1: Emission Reductions and Cost-Effectiveness by Program Category for Projects and Programs Completed by the End of FYE 2019

| Category | # of Projects | T-CA \$ Expended | % of T-CA \$ Expended | Emissions Reduced (tons) ^a | % of Emissions Reduced | Weighted Cost-Effectiveness (\$/ton) ^b |
|--|---------------|--------------------|-----------------------|---------------------------------------|------------------------|---|
| Bicycle Facilities | 25 | \$168,027 | 3.39% | 2.42 | 2.82% | \$75,360 |
| Shuttles/Rideshare | 6 | \$1,905,961 | 38.50% | 18.32 | 21.34% | \$103,395 |
| Clean Air Vehicle & Infrastructure | 13 | \$647,688 | 13.08% | 3.05 | 3.55% | \$157,136 |
| Commuter Benefits Program | 1 | \$106,461 | 2.15% | 2.71 | 3.15% | \$36,321 |
| Spare the Air Program | 1 | \$2,005,055 | 40.50% | 59.36 | 69.14% | \$30,233 |
| Vehicle Buy-Back Program | 1 | \$117,043 | 2.36% | - | - | - |
| Total for Projects and Programs^c | 47 | \$4,950,235 | 100% | 85.86 | 100% | \$51,397 |
| Administration | | \$1,060,236 | | | | |

(a) Combined emission reductions of ROG, NO_x, and PM₁₀ over project operational period.

(b) Consistent with the current California Air Resources Board methodology to calculate cost-effectiveness for the Carl Moyer Program (CMP), PM emissions were weighted by a factor of 20 to account for their harmful impacts on human health.

(c) Totals may vary due to rounding.

The combined weighted-average cost-effectiveness of the projects and programs reported in FYE 2019 is a 9% improvement from FYE 2018. This difference is due, in part, to a portfolio of electric vehicle infrastructure projects in FYE 2018 that had taken advantage of higher funding amounts available for electric infrastructure projects that are co-sited with solar generation. These projects resulted in higher cost-effectiveness values (less cost-effective), but also achieved additional greenhouse gas benefits that are not accounted for in the cost-effectiveness evaluation for T-CA funded projects. The variation of combined weighted-average cost-

² Emission reductions reported for criteria pollutants and CO₂ do not include emissions from the Vehicle Buy-Back Program.

effectiveness from year to year is primarily due to that fact that different types of projects that have different cost-effectiveness limits were completed and included in the cost-effectiveness evaluation each year.

One Regional Fund project listed in Appendix A did not meet the cost-effectiveness threshold of its respective program at the conclusion of its operational period. Below is a discussion on the performance of this project, which resulted in a higher than expected cost-effectiveness value.

| | | |
|--|--|--|
| Project Sponsor: Metropolitan Transportation Commission | | Project #: 16R11 |
| Project Description: 511 Regional Carpool Program | | |
| Estimated Weighted Cost-Effectiveness: \$44,109 | | Actual Weighted Cost-Effectiveness: \$145,039 |
| <p>Discussion: The cost-effectiveness limit for FYE 2016 Regional Ridesharing Services projects was \$90,000 per ton of emissions reductions. The project was evaluated on four services proposed by the Project Sponsor: matchlists, placement calls, forming new vanpools, and partnering with ride-matching apps. Because this was an existing program, the estimated cost-effectiveness and actual cost-effectiveness of this project were calculated based on survey results provided by the Project Sponsor. The reduction in cost-effectiveness of the project is due, in part, to a reduction in commuter utilization of the Project's matchlists and placement call components relative to previous years. Results of this project informed the Project Sponsor's shift to offering incentives that support vanpooling and carpooling.</p> | | |

MOBILE SOURCE COMMITTEE
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MOBILE SOURCE COMMITTEE
MEETING OF 12/18/2019

APPENDIX A: TFCA REGIONAL FUND PROJECTS AND AIR DISTRICT-SPONSORED PROGRAMS

| Project # | Project Sponsor | Project Description | Weighted Cost-Effectiveness (per ton) | TFCA Funds Expended |
|-----------|---------------------------------------|--|---------------------------------------|---------------------|
| 10EV06 | Coulomb | Coulomb home charger rebate program (50 home chargers) | \$20,000 | \$29,497 |
| 14R26 | City of Alameda | Purchase and install 12 electric bicycle lockers in City of Alameda | \$90,000 | \$29,682 |
| 14R28 | Port of San Francisco | Purchase and install 16 electric bicycle lockers in City of San Francisco | \$90,000 | \$40,000 |
| 15BR006 | City of Calistoga | Purchase and install 50 bike racks in City of Calistoga (100 bike capacity) | \$79,315 | \$2,448 |
| 15BR008 | County of Napa | Purchase and install 43 bike racks in County of Napa (188 bike capacity) | \$90,000 | \$11,167 |
| 15BR010 | San Francisco State University | Purchase and install 25 bike racks at San Francisco State University (50 bike capacity) | \$90,000 | \$3,000 |
| 15BR015 | San Lorenzo High School | Purchase and install nine bike racks at San Lorenzo High School (72 bike capacity) | \$90,000 | \$4,320 |
| 15BR019 | California State University, East Bay | Purchase and install 13 bike racks at California State University, East Bay (26 bike capacity) | \$90,000 | \$1,560 |
| 15BR022 | Palo Alto Unified School District | Purchase and install 25 bike racks in Palo Alto Unified School District (50 bike capacity) | \$90,000 | \$3,000 |
| 15BR025 | El Verano Elementary | Purchase and install 12 bike racks at El Verano Elementary School (24 bike capacity) | \$84,328 | \$1,349 |
| 15BR027 | City of Napa | Purchase and install 26 bike racks in City of Napa (52 bike capacity) | \$84,237 | \$2,920 |
| 15BR028 | Town of Moraga | Purchase and install 6 bike racks in Town of Moraga (12 bike capacity) | \$90,000 | \$720 |
| 15R24 | Napa Valley Transportation Authority | Purchase and install 8 electric bicycle lockers in City of NAPA and Yountville | \$90,000 | \$20,000 |

| Project # | Project Sponsor | Project Description | Weighted Cost-Effectiveness (per ton) | TFCA Funds Expended |
|-----------|--|--|---------------------------------------|---------------------|
| 15R25 | City of Richmond | Purchase and install 4 electric bicycle lockers in City of Richmond | \$90,000 | \$10,000 |
| 15R28 | Clean Energy, a California Corporation | Upgrade an existing CNG refueling station in City of Oakland | \$69,814 | \$58,691 |
| 16BR003 | Mountain View Los Altos Union High School District | Purchase and install 8 bike racks at Los Altos High School (64 capacity) | \$52,505 | \$3,840 |
| 16BR004 | Dublin Unified School District | Purchase and install 15 bike racks at Kolb Elementary School (30 capacity) | \$48,369 | \$1,800 |
| 16BR007 | Granada High School | Purchase and install 6 bike racks at Granada High School (48 capacity) | \$48,369 | \$9,000 |
| 16BR008 | Los Gatos Unified School District | Purchase and install 23 bike racks in Los Gatos Unified School District (150 capacity) | \$48,369 | \$4,260 |
| 16BR009 | Los Gatos High School | Purchase and install 9 bike racks for at Gatos High School (71 capacity) | \$48,369 | \$3,960 |
| 16BR012 | Burlingame School District | Purchase and install 11 bike racks in Burlingame School District (66 capacity) | \$48,369 | \$3,960 |
| 16BR014 | San Carlos School District | Purchase and install 4 bike racks in San Carlos School District (24 capacity) | \$48,369 | \$600 |
| 16BR015 | City of Fremont | Purchase and install 33 bike racks in City of Fremont (66 capacity) | \$48,369 | \$480 |
| 16BR016 | City of Saint Helena | Purchase and install 5 bike racks in City of Saint Helena (10 capacity) | \$48,369 | \$2,880 |
| 16BR017 | Napa County Office of Education | Purchase and install 4 bike racks at Napa County Office of Education (8 capacity) | \$48,369 | \$2,880 |
| 16BR019 | City of Morgan Hill | Purchase and install 25 bike racks in City of Morgan Hill (50 capacity) | \$48,369 | \$3,000 |
| 16BR020 | Napa Valley Transportation Authority | Purchase and install 10 bike racks in City of Napa (20 capacity) | \$48,369 | \$1,200 |

| Project # | Project Sponsor | Project Description | Weighted Cost-Effectiveness (per ton) | TFCA Funds Expended |
|-----------|---|---|---------------------------------------|---------------------|
| 16EV006 | Sonoma Mountain Village, LLC | Install 7 dual-port Level 2 and 2 DC fast EV charging stations (with solar) in Rohnert Park | \$500,000 | \$184,000 |
| 16EV025 | San Mateo County Community College District | Install 12 dual-port Level 2 charging stations in San Mateo County | \$250,000 | \$72,000 |
| 16PEV004 | County of Alameda | PEV rebate for 15 BEVs for County of Alameda | \$420,000 | \$37,500 |
| 16PEV005 | City of Oakland | PEV rebate for 10 BEVs for City of Oakland | \$420,000 | \$25,000 |
| 16PEV008 | City of Oakland | PEV rebate for 10 BEVs for City of Oakland | \$420,000 | \$25,000 |
| 16R11 | Metropolitan Transportation Commission | 511 Regional carpool program | \$145,039 | \$918,750 |
| 17EV017 | 601 Marshall Street Owner, LLC | Install 5 dual-port Level 2 (high) and 1 single-port Level 2 (high) charging stations in Redwood City | \$229,307 | \$23,000 |
| 17R11 | Metropolitan Transportation Commission | 511 Regional carpool and vanpool program | \$94,539 | \$65,184 |
| 17R14 | Peninsula Corridor Joint Powers Board | Caltrain shuttle program | \$92,750 | \$633,875 |
| 17R17 | Presidio Trust | PresidiGo shuttle program | \$86,000 | \$100,000 |
| 18EV005 | Napa County Superintendent of Schools | Install 2 dual-port Level 2 (high) and 1 single-port Level 2 (high) charging stations in Napa | \$229,307 | \$11,000 |
| 18EV021 | County of Marin | Install 14 dual-port and 3 single-port Level 2 (high) charging stations in San Rafael | \$229,307 | \$65,000 |
| 18EV023 | NABI LLC | Install 24 single-port Level 2 (high) charging stations in Burlingame | \$229,307 | \$72,000 |
| 18EV025 | DTP-LV Associates, LLC | Install 2 dual-port Level 2 (high) and 1 DC Fast in Newark | \$229,307 | \$33,000 |

| Project # | Project Sponsor | Project Description | Weighted Cost-Effectiveness (per ton) | TFCA Funds Expended |
|----------------------------------|--|---|---------------------------------------|---------------------|
| 18EV047 | Nazareth Plaza Owners' Association | Install 4 single port Level 2 (high) charging stations in San Mateo | \$229,307 | \$12,000 |
| 18R05 | Associated Students, San Jose State University | San Jose State University ridesharing and trip reduction program | \$74,158 | \$140,000 |
| 18R06 | San Joaquin Regional Rail Commission | Pleasanton connector shuttles program | \$31,577 | \$48,152 |
| 44 Regional Fund Projects | | Subtotal of Regional Fund Projects: | | \$2,721,676 |

| Project # | Project Sponsor | Project Description | Weighted Cost-Effectiveness (per ton) | TFCA Funds Expended |
|--|-----------------|---|---------------------------------------|---------------------|
| 19R01 | BAAQMD | FYE 2019 Commuter Benefits | \$36,321 | \$106,461 |
| 19R02 | BAAQMD | FYE2019 Admail for Vehicle Buy-Back (TFCA portion only) | N/A | \$117,043 |
| 19R03 | BAAQMD | FYE 2019 Spare the Air | \$30,187 | \$2,005,055 |
| 3 Air District-Sponsored Programs | | Subtotal of Air District-Sponsored Programs: | | \$2,228,559 |
| 19R00 | BAAQMD | FYE 2019 Administration* | N/A | \$1,060,236 |
| Subtotal of Administration Expenditures for Regional Fund Projects and Air District-Sponsored Programs: | | | | \$1,060,236 |
| Grant Total: | | | | \$6,010,471 |

* Sixty percent of the total allocated TFCA administrative and audit costs expended in FYE 2019.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 13, 2019

Re: Policy to Prohibit Use of Air District Funds on Vehicles Manufactured by Companies
that Oppose California's Regulation of Light-Duty Vehicle Emissions

RECOMMENDED ACTION

Recommend the Board of Directors direct Air District staff to develop a policy that prohibits Air District incentive and general funds from being used for the purchase of light-duty vehicles manufactured by companies that oppose the State of California's right to regulate light-duty vehicle emissions.

BACKGROUND

On November 15, 2019, the California Department of General Services (DGS) announced two new policies that aim to maximize reductions of greenhouse gas (GHG) emissions under Executive Order N-19-19. The first policy will prohibit purchasing by state agencies of any sedans solely powered by an internal combustion engine, with exemptions for certain public safety vehicles. The second, which is currently being developed by DGS, will require state agencies, starting on January 1, 2020, to only purchase vehicles from Original Equipment Manufacturers (OEMs) that recognize the California Air Resources Board's (CARB) authority to set GHG and zero emission vehicle standards (ZEV), and which have committed to continuing stringent emissions reduction goals for their fleets.

As of November 15, 2019, the decision affects the following 12 companies who have joined the Trump administration in disrupting California's authority:

- General Motors/Chevrolet
- Chrysler
- Fiat
- Mitsubishi
- Hyundai
- Subaru
- Dodge
- Toyota
- Nissan
- Kia
- Jeep
- Ram

DISCUSSION

The Air District funds the procurement of new light-duty cars both directly, for the replacement of its own vehicle fleet, and indirectly, through its award of incentive funds programs. At the Committee meeting, staff will discuss a proposal for the Air District to adopt policies that would prohibit use of its incentive and general fund monies to purchase vehicles manufactured by carmakers that oppose California's regulatory authority.

BUDGET CONSIDERATION / FINANCIAL IMPACT

At this time the estimated cost impact is projected to be small, although reduced availability of clean vehicles may lead to higher costs for fleet purchases.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Damian Breen and Karen Schkolnick

MOBILE SOURCE COMMITTEE
MEETING OF 12/18/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: December 13, 2019

Re: Expansion of Existing Center for Sustainable Energy (CSE) Contract

RECOMMENDED ACTION

Recommend the Board of Directors authorize the Executive Officer/APCO to increase an existing contract with CSE in an amount not to exceed \$5,000 for services performed in Fiscal Year Ending (FYE) 2019 and FYE 2020 for Electric Vehicle (EV) market research services.

BACKGROUND

Following approval by the Board of Directors on May 1, 2019, the Air District entered into an agreement with the CSE to collect and analyze qualitative and quantitative data on consumer and business sentiments regarding barriers to EV adoption and the installation of EV charging infrastructure. This data will help the Air District tailor and strengthen outreach messages, educational materials, and incentive programs to increase EV adoption in the Bay Area. The executed contract amount was \$113,677.

DISCUSSION

Following an analysis of stakeholder needs and Bay Area population demographics, staff concluded that a larger survey size is necessary to provide sufficient granularity to draw county-level conclusions. This additional data will allow partners at the county and local levels to use the Air District's work to inform their programs and policies. Expanding the survey sample size from 500 to 1,000 respondents will require an additional cost not to exceed \$5,000.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Funding for these contracts comes from a grant from the Federal Highway Administration and California Department of Transportation, through the Congestion Mitigation and Air Quality Improvement (CMAQ) Program.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Rebecca Fisher
Reviewed by: Derrick Tang

MOBILE SOURCE COMMITTEE
MEETING OF 12/18/2019

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

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

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 24, 2020

Re: Report of the Legislative Committee Meeting of January 15, 2020

RECOMMENDED ACTION

The Legislative Committee (Committee) received only an informational item and have no recommendation of approval by the Board of Directors (Board).

BACKGROUND

The Committee met on Wednesday, January 15, 2020, and received the following report:

A) 2020 Legislative Briefing.

Chairperson Margaret Abe-Koga will provide an oral report of the Committee meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

A) None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Aloha de Guzman
Reviewed by: Vanessa Johnson

Attachment 16A: 01/15/2020 – Legislative Committee Meeting Agenda #3

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Abe-Koga and Members
of the Legislative Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: January 7, 2020

Re: 2020 Legislative Briefing

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

Air District staff will present a briefing to legislators and their staff about Bay Area Air Quality Management District activities, and priorities for 2020.

Prior to meeting with individual Bay Area legislators, Air District staff and Committee members will provide a general overview about current activities at the Air District, as well as priorities for 2020. The presentation will be geared to available legislators, legislative staff, and will include answering audience questions at the conclusion of the presentation.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Alan Abbs
Reviewed by: Jack P. Broadbent