



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

KAREN MITCHOFF – CHAIR
DAVID CANEPA
DAVID E. HUDSON
REBECCA KAPLAN
NATE MILEY

SCOTT HAGGERTY – VICE CHAIR
CAROLE GROOM
TYRONE JUE
DOUG KIM

**THURSDAY
SEPTEMBER 28, 2017
9:30 A.M.**

**1ST FLOOR BOARD ROOM
375 BEALE STREET
SAN FRANCISCO, CA 94105**

AGENDA

1. CALL TO ORDER - ROLL CALL – PLEDGE OF ALLEGIANCE

The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members. The Committee Chair shall lead the Pledge of Allegiance.

2. PUBLIC COMMENT PERIOD

(Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at District headquarters, 375 Beale Street, San Francisco, CA, at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.

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

Staff/Phone (415) 749-

3. APPROVAL OF THE MINUTES OF MAY 25, 2017

Clerk of the Boards/5073

The Committee will consider approving the attached draft minutes of the Mobile Source Committee meeting of May 25, 2017.

4. **PROJECTS AND CONTRACTS WITH PROPOSED GRANT AWARDS OVER \$100,000**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will consider recommending Board of Directors' approval of Transportation Fund for Clean Air and Greenhouse Gas Reduction Grant Program funding for projects requesting grant funding in excess of \$100,000 and authorization for the Executive Officer/APCO to execute grant agreements for the recommended projects.

5. **SELECTION OF A VENDOR TO CONDUCT FINANCIAL AND COMPLIANCE AUDITS**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will consider recommending Board of Directors' approval of a contract for audit services covering the District's Financial Audit and Transportation Fund for Clean Air (TFCA) Compliance Audits.

6. **ACCEPT, OBLIGATE, AND EXPEND FUNDING FROM THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA)**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will consider recommending Board of Directors' adopt a resolution authorizing the Bay Area Air Quality Management District (Air District) to accept, oblige, and expend funding from the United States Environmental Protection Agency's Diesel Emissions Reduction Act program for a locomotive project, and authorize the Executive Officer/APCO to enter into all agreements necessary to accept and expend this funding.

7. **COMMITTEE MEMBER COMMENTS**

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)

8. **TIME AND PLACE OF NEXT MEETING**

Thursday, October 26, 2017, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

9. **ADJOURNMENT**

The Committee meeting shall be adjourned by the Committee Chair.

CONTACT:

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

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

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

Accessibility and Non-Discrimination Policy

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

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

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

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

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

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

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

SEPTEMBER 2017

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

OCTOBER 2017

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

OCTOBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	25	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	26	9:30 a.m.	1 st Floor Board Room
Advisory Council Mtg. <i>(Meets on Monday Quarterly)</i>	Monday	30	10:00 a.m.	1 st Floor Board Room

NOVEMBER 2017

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	1	9:45 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	15	9:45 a.m.	1 st Floor Board Room
Board of Directors Climate Protection Committee <i>(Meets on the 3rd Thursday of every other Month)</i>	Thursday	16	9:30 a.m.	1 st Floor Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	20	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	20	10:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	22	9:30 a.m.	1st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	23	9:30 a.m.	1 st Floor Board Room

HL – 8/30/17 - 9:25 a.m.

G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 14, 2017

Re: Approval of the Minutes of May 25, 2017

RECOMMENDED ACTION

Approve the attached draft minutes of the Mobile Source Committee (Committee) Meeting of May 25, 2017.

DISCUSSION

Attached for your review and approval are the draft minutes of the Mobile Source Committee Meeting of May 25, 2017.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Maricela Martinez

Attachment 3A: Draft Minutes of the Mobile Source Committee Meeting of May 25, 2017

AGENDA 3A – ATTACHMENT

Draft Minutes – Mobile Source Committee Meeting of May 25, 2017

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

DRAFT MINUTES

Summary of Board of Directors
Mobile Source Committee Meeting
Thursday, May 25, 2017

1. CALL TO ORDER – ROLL CALL

Mobile Source Committee (Committee) Chair Karen Mitchoff called the meeting to order at 9:33 a.m.

Present: Chairperson Karen Mitchoff; Vice Chair Scott Haggerty; and Directors David J. Canepa, Carole Groom, David Hudson, Tyrone Jue, Rebecca Kaplan, and Doug Kim.

Absent: Director Nate Miley.

Also Present: None.

2. PUBLIC COMMENT ON NON-AGENDA MATTERS

No requests received.

3. APPROVAL OF THE MINUTES OF MARCH 23, 2017

Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

Director Canepa made a motion, seconded by Director Kaplan, to approve the Minutes of March 23, 2017; and the motion carried by the following vote of the Committee:

AYES: Canepa, Groom, Haggerty, Hudson, Jue, Kaplan, Kim, and Mitchoff.
NOES: None.
ABSTAIN: None.
ABSENT: Miley.

4. FISCAL YEAR ENDING (FYE) 2018 TRANSPORTATION FUND FOR CLEAN AIR (TFCA) REGIONAL FUND POLICIES AND EVALUATION CRITERIA AND A PROPOSED AMENDMENT TO ONE FYE 2017 TFCA REGIONAL FUND POLICY

Karen Schkolnick, Acting Director of the Strategic Incentives Division, introduced Kenneth Mak, Staff Specialist, who gave the staff presentation *FYE 2018 TFCA Regional Fund Policies and Evaluation Criteria and a Proposed Amendment to One FYE 2017 TFCA Regional Fund Policy*, including: overview; background; FYE 2018 TFCA regional fund; public input process; proposed revisions for FYE 2018; proposed amendment to FYE 2017 TFCA regional fund policies; and recommendations.

Public Comments:

No requests received.

Committee Comments:

The Committee and staff discussed the amendment to Policy #8 (readiness) that will allow project sponsors one year from the date that the funding agreement is executed to commence projects; eligible ridesharing, bicycle, and diesel truck project categories; the Committee’s request that the Board consider updating the Transportation Fund for Clean Air Regional Fund Project Approval Process, as it was last updated in 2009; and the status of the installation of the electric vehicle charging stations at 375 Beale Street.

Committee Action:

Director Kaplan made a motion, seconded by Director Hudson, to approve staff recommendations; and the motion carried by the following vote of the Committee:

AYES:	Canepa, Groom, Haggerty, Hudson, Jue, Kaplan, Kim, and Mitchoff.
NOES:	None.
ABSTAIN:	None.
ABSENT:	Miley.

5. FYE 2018 TFCA COUNTY PROGRAM MANAGER (CPM) EXPENDITURE PLANS

Ms. Schkolnick introduced Chengfeng Wang, Supervising Staff Specialist, who gave the staff presentation *Update on Regional FYE 2018 TFCA CPM Expenditure Plans*, including: overview; TFCA background; FYE 2018 funding for CPM; CPM funds awarded in FYE 2017; and recommendations.

Public Comments:

No comments received.

Committee Comments:

None.

Committee Action:

Director Kaplan made a motion, seconded by Director Hudson, to approve staff recommendations; and the motion carried by the following vote of the Committee:

AYES: Canepa, Groom, Haggerty, Hudson, Jue, Kaplan, Kim, and Mitchoff.
NOES: None.
ABSTAIN: None.
ABSENT: Miley.

6. UPDATE ON REGIONAL EFFORTS TO DEPLOY ELECTRIC VEHICLES AND INFRASTRUCTURE

Damian Breen, Deputy Air Pollution Control Officer, re-introduced Ms. Schkolnick, who gave the staff presentation *Update on Regional Efforts to Deploy Electric Vehicles and Infrastructure*, including: overview; background; Bay Area electric light-duty vehicle adoption goals: 2020-2050; Air District investment in electric vehicle technologies 2011-2016: \$60 million; adoption of electric vehicles in the Bay Area and California: 2011-2016; Bay Area public charging network; new Air District funding for electric vehicles; and future investments in electric vehicle technology.

Before Ms. Schkolnick’s presentation concluded, the Committee received an informational update on electric vehicle infrastructure deployments in development by the Pacific Gas & Electric Company (PG&E). Ms. Schkolnick introduced Jana Corey, Director of Electrification and Alternative Fuels at PG&E, who presented the following slides: PG&E’s light-duty electric vehicle charge network; and PG&E proposed programs (currently being approved by the California Public Utilities Commission.)

Ms. Schkolnick’s presentation resumed with the following slides: comparison of utility infrastructure programs; Volkswagen Electrify America; and Air District’s next steps.

Public Comments:

No requests received.

Committee Comments:

The Committee and staff discussed the Committee’s displeasure at the delayed installation of electric vehicle charging stations at 375 Beale Street, and the Committee’s request for an official presentation on the status of the installment; the need for coordination between cities and counties regarding the installation of electric vehicle charging infrastructure on a regional level; the possibility of a future presentation on the City of San Francisco’s citywide electric vehicle charging station rollout; the anticipated locations of Level 3 charging stations and superchargers; the need for faster-level chargers at low-income and multi-unit dwellings and for electric busses;

PG&E’s planned outreach to landlords, owners, and property managers; electric vehicle infrastructure requirements for new multi-family and non-residential buildings in Oakland, and the 100% electric vehicle-ready ordinance in San Francisco; the Committee’s suggestion of collaborating with jurisdictions that have implemented electric vehicle ordinances; wave induction charging options versus charging plug in vehicles; the need for a constant output of electricity to charging facilities; how power outages may affect charging reliability; the feasibility of PG&E using solar storage as a backup power supply; when school busses might transition to electric fleets; the need to reach out to bus manufacturers to transition them to electric fleets; the first funding cycle of the California Zero Emission Vehicle Investment Plan within Volkswagen’s Electrify America Program, and the need for clarification on what parts of the Bay Area “San Francisco and San Jose metropolitan areas” refer to; the need for additional Vehicle Buy Back program funding sources; the Committee’s request for another lawnmower exchange program; the need for more electric vehicle rebate program options; and the District’s new ability to offer hybrid and full-electric vehicle (new or used) rebates to low-income households through the State’s Enhanced Fleet Modernization Program.

Committee Action:

None; receive and file.

7. COMMITTEE MEMBER COMMENTS

None.

8. TIME AND PLACE OF NEXT MEETING

Thursday, June 22, 2017, Bay Area Air Quality Management District office, 375 Beale Street, 1st floor Board Room, San Francisco, CA 94105, at 9:30 a.m.

9. ADJOURNMENT

The meeting adjourned at 11:10 a.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2017

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

RECOMMENDATIONS

Recommend Board of Directors:

1. Approve the Transportation Fund for Clean Air (TFCA) and Commercial Lawn and Garden Equipment Replacement 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 (ARB), since the program began in fiscal year 1998-1999. 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 923 (AB 923 - Firebaugh), enacted in 2004 (codified as Health and Safety Code 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 March 16, 2016, the Board of Directors (Board) authorized Air District's participation in Year 18 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 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 TFCA and requirements of the program are set forth in California 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, Plug-in Electric Vehicle 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 funding.

On March 16, 2016, the Board allocated \$21.7 million in TFCA funding for eligible projects in Fiscal Year Ending (FYE) 2017, of which \$13.65 million are new TFCA monies, authorized cost-effectiveness limits for Air District-sponsored FYE 2017 programs, and authorized the Executive Officer/APCO to execute Grant Agreements and amendments for projects funded with TFCA revenues with individual grant award amounts up to \$100,000. On July 20, 2016, the Board adopted policies, evaluation criteria, and cost-effectiveness limits for the FYE 2017 TFCA Regional Fund program.

CMP and TFCA 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 the grant applications based upon the respective governing policies and guidelines established by the ARB and/or the Board.

On November 24, 2008, the California Attorney General (AG) and the Air District entered into a Memorandum of Understanding (MOU) authorizing the Air District to administer the Greenhouse Gas Reduction Grant Program (GGRGP) funded by the Carbon Offset Funds, which were paid by ConocoPhillips Company to resolve a dispute regarding the environmental impact of greenhouse gas (GHG) emissions from the Clean Fuels Expansion Project at the refinery in Rodeo. The MOU requires that Carbon Offset Fund projects achieve verifiable, quantifiable reductions in GHG emissions and that the Air District give priority to projects in areas that are nearest to the Conoco refinery. The GGRGP was initially designed to provide funding to install renewable power and energy efficiency improvements at public buildings and in 2010 and 2013 the Board authorized awards to public agencies located in Rodeo, Hercules, Crockett, and Pinole for projects that were completed by the end of 2015.

In FYE 2016, the Air District received approval from the AG to allocate the remaining funds to projects that exchange fossil-fueled lawn and garden equipment with electric-powered ones. On February 17, 2016, the Board approved the allocation of the remaining approximately \$520,000 in GGRGP funds to implement a commercial lawn and garden equipment replacement program.

DISCUSSION

Carl Moyer Program:

The Air District started accepting project applications for the CMP Year 18 funding cycle on July 11, 2016, and approximately \$11 million was available for CMP projects from a combination of MSIF and CMP funds for the Year 18 cycle.

CMP project applications were accepted and evaluated on a first-come, first-served basis, and as of September 7, 2017, the Air District had received 68 project applications for the CMP Year 18 cycle. Of the applications that were evaluated between March 4, 2017, and September 7, 2017, none had a proposed individual grant award over \$100,000. Attachment 2, lists all of the eligible Year 18 projects that have been received by the Air District as of September 7, 2017, and summarizes the allocation of funding by equipment category, and county. This list also includes eligible Voucher Incentive Program (VIP) on-road replacement projects. Approximately 76% of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities. Attachment 3 summarizes the cumulative allocation of CMP, MSIF, and Vehicle Buyback (VBB) funding since 2009 (more than \$135 million awarded to 794 projects).

Transportation Fund for Clean Air Program:

For FYE 2017, the Air District has issued solicitations for shuttle and rideshare services, bicycle facilities, and the Charge! Program, which provides funding for the deployment of publicly available electric vehicle charging stations. The solicitations for existing shuttles and rideshare, and bicycle facilities projects closed on September 1, 2016, and June 26, 2017, respectively.

As of September 7, 2017, the Air District had received 51 applications for FYE 2017 funding. Of these, staff has evaluated 44 applications, of which 41 projects were approved or recommended for funding; and three projects were not recommended. Of the applications that were evaluated between March 4, 2017, and September 7, 2017, 11 eligible projects have a proposed individual grant award over \$100,000:

- Project #17EV018 will install and operate 182 single-port Level 2 and 8 Direct Current (DC) Fast charging stations in Los Altos, Mountain View, and Los Altos Hills. The proposed award for this project includes \$99,900 in funding California Energy Commission (CEC) funds, which is pending CEC approval.
- Project #17EV021 will install and operate 52 single-port Level 2 charging stations in San Jose.
- Project #17EV022 will install and operate 26 single-port Level 2 and 1 DC Fast charging stations in Los Altos. The sum of the proposed award for this project and the award that was previously approved for #17EV007 for the same project sponsor, Mountain View Los Altos High School District, exceeds \$100,000.
- Project #17EV024 will install and operate 20 single-port Level 2 charging stations with new solar generation in Cotati.
- Project #17R18 will install 0.31 miles of Class II and 10.48 miles of Class III bikeways in Daly City.
- Project #17R20 will install 1.87 miles of Class II bikeways in Santa Rosa.
- Project #17R21 will install 1.7 miles of Class II and 7.95 miles of Class III bikeways in San Leandro.
- Project #17R23 will install 0.8 miles of Class I bikeway in Albany.
- Project #17R24 will install 7.76 miles of Class III and 0.7 miles of Class IV bikeways in Cupertino.
- Project #17R26 will install one 0.28-mile bikeway/pedestrian overcrossing, a Class I bikeway, over Highway 101 in San Carlos.

- Project #17R28 will install 26 electronic bicycle locker quads (104 bicycle parking spaces) located at 12 locations in San Jose.

Together, the above 11 projects will reduce about 2.21 tons of NO_x, ROG, and PM per year. Staff determined that these projects conform to the provisions of HSC 44241 and the Board-adopted policies and recommends awarding \$2,960,547, which consists of \$2,860,647 of TFCA funds and \$99,900 of CEC funds, to these projects. Attachment 1, Table 2, provides additional information on these projects.

Attachment 4 lists the 41 eligible FYE 2017 TFCA projects that were evaluated by the Air District as of September 7, 2017. In total, these projects represent more than \$8 million in funding awards. These projects will reduce approximately 33.3 tons of NO_x, ROG, and PM, and about 16,345 tons of tailpipe GHG emissions per year. Note that the emissions reduced by the two shuttle projects funded through the Spare the Air Program are not included in this report and instead will be evaluated and reported as part of the results of the Spare the Air program. Approximately 37% of the FYE 2017 TFCA funds awarded have been awarded to projects that reduce emissions in highly impacted Bay Area communities. Attachment 5 summarizes the allocation of funding by project category (Figure 1), and county (Figure 2).

Commercial Lawn and Garden Equipment Exchange Program:

In February 2016, the Air District began accepting applications for the Commercial Lawn and Garden Exchange program. The Program provides financial incentives to public agencies interested in replacing commercial internal combustion lawn and garden equipment with cordless, battery-electric, zero-emission equipment. Among the equipment targeted are lawn mowers, leaf blowers, sweepers, chainsaws, line trimmers, and hedge trimmers.

In accordance with the GGRGP requirements, program funds were first offered to the four communities that are closest to Conoco Philips: Rodeo, Hercules, Crockett, and Pinole. Public agencies in those communities were contacted on May 20, 2016, and invited to participate in the program; however, no proposals were received within the first 30 days. The program was then expanded to include all public agencies in Alameda and Contra Costa counties and an announcement was sent to public agencies in those counties on June 20, 2016, inviting their participation in the program. An equipment demonstration was held on the UC Berkeley campus on August 4, 2016, which attracted strong interest.

As of September 7, 2017, the Air District has received nine proposals requesting \$484,507 of the \$485,392.64 available. Two of the nine projects have a proposed individual grant award over \$100,000, one from UC Berkeley and one from the City of Oakland.

- Project #CLG2-06, UC Berkeley, will replace 41 pieces of conventional equipment with zero-emission equipment for a cost of \$115,247.
- Project #CLG2-010, City of Oakland, will replace 20 pieces of conventional equipment with zero-emission equipment for a cost of \$111,685.

Together, the above two projects will reduce about 194 tons of CO₂, and 1.33 tons of NO_x, ROG, and PM per year. Staff determined that these projects conform to the GGRGP program requirements and recommends awarding \$226,932 to these projects. Attachment 1, Table 3, provides additional information on these projects. Attachment 6 lists the nine eligible projects that were evaluated by the Air District as of September 7, 2017. In total, these projects represent more than \$484,507 in funding awards.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Through the TFCA and GGRGP, the Air District distributes “pass-through” funds to public agencies and private entities on a reimbursement basis. Administrative costs for these programs are provided by each funding source.

Respectfully submitted,

Jack P. Broadbent
Executive Director/APCO

Prepared by: Anthony Fournier, Michael Neward, and Joseph Steinberger
Reviewed by: Karen Schkolnick and Chengfeng Wang

- Attachment 1: Projects with grant awards greater than \$100,000 (evaluated 3/4/17 – 9/7/17)
- Attachment 2: Summary of all Year 18 CMP/ MSIF and VIP approved and eligible projects (evaluated 8/30/16 – 9/7/17)
- Attachment 3: Summary of program distribution by county and equipment category for CMP, MSIF, VBB, and VIP funding since 2009
- Attachment 4: Summary of all TFCA approved and eligible projects (evaluated 7/1/2016 – 9/7/17)
- Attachment 5: Summary of distribution of TFCA funds by county and project category (evaluated 7/1/16 – 9/7/17)
- Attachment 6: Summary of all Commercial Lawn and Garden Equipment Replacement Exchange Program approved and eligible projects (as of 9/7/17)

AGENDA 4 - ATTACHMENT 1

Table 1 - Summary of Carl Moyer Program/ Mobile Source Incentive Fund projects with grant awards greater than \$100k (Evaluated between 3/4/17 and 9/7/17)

Project #	Applicant name	Equipment category	Project description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NOx	ROG	PM	
None									
0 Projects				\$ -	0.000	0.000	0.000		

Table 2 - Summary of Transportation Fund for Clean Air projects with grant awards greater than \$100k (Evaluated between 3/4/17 and 9/7/17)

Project #	Project Sponsor	Project Category	Project Description	City	Est. C/E	Proposed Contract Award	Emission Reductions (Tons per year)			County
							NOx	ROG	PM	
17EV018*	Los Altos School District	Plug-in Electric Vehicles (PEV)	Install 182 single-port Level 2 and 8 DC Fast charging stations in Los Altos, Mountain View, and Los Altos Hills	Los Altos	\$413,726	\$1,400,763	0.390	0.508	0.008	Santa Clara
17EV021	North First SJ, LP	PEV	Install 52 single-port Level 2 charging stations in San Jose	San Francisco	\$229,307	\$156,000	0.084	0.110	0.002	Santa Clara
17EV022	Mountain View Los Altos High School District	PEV	Install 26 single-port Level 2 and 1 DC Fast charging stations in Los Altos	Mountain View	\$213,723	\$96,000	0.056	0.073	0.001	Santa Clara
17EV024	Old Redwood Commons Association	PEV	Install 20 single-port Level 2 charging stations with solar in Cotati	Cotati	\$458,613	\$120,000	0.033	0.042	0.001	Sonoma
17R18	City of Daly City	Bicycle Facilities	Install 0.31 miles of Class II and 10.48 miles Class III bikeways in Daly City	Daly City	\$57,503	\$133,117	0.071	0.093	0.138	San Mateo
17R20	City of Santa Rosa	Bicycle Facilities	Install 1.87 miles of Class II bikeways in Santa Rosa	Santa Rosa	\$226,059	\$201,907	0.027	0.039	0.050	Sonoma
17R21	City of San Leandro	Bicycle Facilities	Install 1.7 miles of Class II and 7.95 miles of Class III bikeways in San Leandro	San Leandro	\$140,450	\$139,128	0.030	0.040	0.059	Alameda
17R23	East Bay Regional Park District	Bicycle Facilities	Install 0.8 miles of Class I bikeway in Albany	Albany	\$250,000	\$246,552	0.040	0.030	0.059	Alameda
17R24	City of Cupertino	Bicycle Facilities	Install 7.76 miles of Class III and .7 miles of Class IV bikeways in Cupertino	Cupertino	\$250,000	\$138,359	0.017	0.024	0.031	Santa Clara
17R26	City of San Carlos	Bicycle Facilities	Install 0.28 miles of Class I bikeway in San Carlos	San Carlos	\$250,000	\$120,721	0.011	0.014	0.021	San Mateo
17R28	City of San Jose	Bicycle Facilities	Install 104 electronic bicycle lockers in San Jose	San Jose	\$242,901	\$208,000	0.026	0.037	0.048	Santa Clara
11 Projects						\$2,960,547	0.784	1.010	0.416	

* The proposed award for Project #17EV018 includes \$99,900 of funds from the California Energy Commission (CEC), pending CEC's approval. The TFCA award for this project is \$1,300,863.

Table 3 - Summary of Commercial Lawn & Garden Equipment Exchange Program Projects with grant awards greater than \$100k (Evaluated between 3/4/17 and 9/7/17)

Project #	Project Sponsor	Project Category	Project Description	City	Est. C/E	Proposed Contract Award	Emission Reductions (Tons per year)			County
							NOx	ROG	PM	
CLG2-06	UC Berkeley	Commercial Lawn & Garden	Replace 41 pieces of conventional equipment with zero-emission equipment	Berkeley	\$25,412	\$115,247	0.101	0.699	0.005	Alameda
CLG2-10	City of Oakland	Commercial Lawn & Garden	Replace 20 pieces of conventional equipment with zero-emission equipment	Oakland	\$41,687	\$111,685	0.031	0.493	0.002	Alameda
2 Projects						\$226,932	0.132	1.192	0.007	

AGENDA 4 - ATTACHMENT 2

Summary of all Yr 18 CMP, MSIF and VIP approved/ eligible projects (between 8/30/16 and 9/7/17)

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
18MOY10	Ag/ off-road	Equipment replacement	3	\$ 116,595.00	Pina Vineyard Management , LLC.	0.361	0.049	0.021	11/16/2016	Napa
18MOY7	Ag/ off-road	Equipment replacement	1	\$ 71,800.00	Walter Hansel Winery & Vineyards LLC	0.174	0.031	0.015	APCO	Sonoma
18MOY5	Ag/ off-road	Equipment replacement	1	\$ 34,550.00	Corey J Coggins (Farmer)	0.103	0.018	0.004	APCO	San Mateo
18MOY9	Off-road	Equipment replacement	1	\$ 20,700.00	Silicon Roadways, Inc.	0.086	0.016	0.007	APCO	Alameda
18MOY15	Off-road	Equipment replacement	1	\$ 85,200.00	Keith J. Gale General Engineering, Inc.	0.545	0.056	0.020	APCO	Solano
18MOY13	Ag/ off-road	Equipment replacement	1	\$ 95,530.00	Robert and Julia Marsh (Farmer)	0.667	0.070	0.024	APCO	San Mateo
18MOY17	Off-road	Equipment replacement	1	\$ 85,000.00	SF Recovery, Inc.	0.823	0.099	0.035	APCO	San Francisco
18MOY14	Marine	Engine replacement	2	\$ 130,000.00	Reel Time Charters, LLC	0.875	0.005	0.032	1/18/2017	San Francisco
18MOY23	Off-road	Equipment replacement	1	\$ 72,800.00	Columbia Electric, Inc.	0.366	0.052	0.023	APCO	Alameda
18MOY25	Off-road	Equipment replacement	1	\$ 64,000.00	Iron House Sanitary District	0.379	0.046	0.016	APCO	Contra Costa
18MOY12	Ag/ off-road	Equipment replacement	1	\$ 35,000.00	Mazzetta Dairy	0.086	0.002	0.006	APCO	Sonoma
18MOY20	Ag/ off-road	Equipment replacement	2	\$ 97,520.00	Wight Vineyard Management, Inc.	0.221	0.046	0.021	APCO	Napa
18MOY26	Ag/ off-road	Equipment replacement	1	\$ 165,230.00	Saturnino Del Castillo (Farmer)	0.799	0.084	0.028	1/18/2017	Solano
18MOY19	Marine	Engine replacement	2	\$ 230,000.00	Sport Fishing Enterprises, LLC	0.681	0.000	0.037	1/18/2017	Alameda
18MOY2	Ag/ off-road	Equipment replacement	1	\$ 35,325.00	Nick Leras Vineyards	0.169	0.029	0.011	APCO	Sonoma
18MOY27	Ag/ off-road	Equipment replacement	2	\$ 89,060.00	Balletto Ranch, Inc.	0.453	0.081	0.039	APCO	Sonoma
18MOY31	Marine	Engine replacement	2	\$ 156,000.00	Sean Marcus Hodges (Charter fishing)	0.437	-0.011	0.027	2/1/2017	Marin
18MOY28	Ag/ off-road	Equipment replacement	1	\$ 34,000.00	Pina Vineyard Management , LLC.	0.075	0.015	0.007	APCO	Napa
18MOY36	Ag/ off-road	Equipment replacement	1	\$ 49,900.00	Donald R Hardin Trust	0.134	0.024	0.009	APCO	Napa
17MOY66	Ag/ off-road	Equipment replacement	1	\$ 39,545.00	Dirt Farmer & Company, A California Corporation	0.105	0.032	0.010	APCO	Sonoma
18MOY35	Ag/ off-road	Equipment replacement	1	\$ 16,200.00	Cortina Vineyard Management	0.022	0.013	0.003	APCO	Napa
18MOY33	Ag/ off-road	Equipment replacement	1	\$ 44,225.00	M. German & Son Partnership	0.154	0.031	0.014	APCO	Solano
18MOY30	Ag/ off-road	Equipment replacement	2	\$ 294,740.00	Mertens Dairy	1.186	0.156	0.055	3/1/2017	Sonoma
18MOY24	Off-road	Equipment replacement	1	\$ 61,600.00	Columbia Electric, Inc.	0.246	0.044	0.021	APCO	Alameda
18MOY42	Ag/ off-road	Equipment replacement	2	\$ 330,170.00	McClelland's Dairy	1.769	0.153	0.052	3/1/2017	Sonoma
18MOY37	Locomotive	Equipment replacement	2	\$ 5,000,000.00	San Joaquin Regional Rail Commission / ACE	16.164	1.112	0.483	3/1/2017	Alameda / Santa Clara
18MOY40	Marine	Engine replacement	1	\$ 97,000.00	Raymond D. Baker (Commercial fishing)	0.468	0.012	0.018	APCO	Sonoma
18MOY34	Off-road	Equipment replacement	1	\$ 85,000.00	R&A Trucking Company	0.542	0.056	0.020	APCO	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		
18MOY47	Ag/ off-road	Equipment replacement	1	\$ 154,505.00	Diamond W Ranch	0.612	0.086	0.031	TBD	Sonoma
18MOY48	Ag/ off-road	Equipment replacement	1	\$ 59,000.00	Richard Keenan (Vineyard)	0.195	0.007	0.008	APCO	Sonoma
18MOY16	Off-road	Equipment replacement	1	\$ 90,340.00	Manson Construction Company	0.665	0.080	0.028	APCO	Contra Costa
18MOY43	Ag/ off-road	Equipment replacement	1	\$ 46,890.00	Cortina Vineyard Management	0.127	0.021	0.008	APCO	Napa
18MOY44	Off-road	Equipment replacement	1	\$ 45,000.00	PCM Excavation & Trucking Inc	0.203	0.037	0.014	APCO	Alameda
VIP282	VIP	Truck Replacement	1	\$ 10,000.00	Cornel Roman/ Camelia Roman	0.400	0.000	0.010	APCO	Alameda
VIP283	VIP	Truck Replacement	1	\$ 15,000.00	Javier De La Torre	0.300	0.010	0.000	APCO	Yolo
VIP284	VIP	Truck Replacement	1	\$ 30,000.00	J/W Sanchez Trucking, Inc.	0.600	0.010	0.000	APCO	Alameda
VIP285	VIP	Truck Replacement	1	\$ 40,000.00	Phieu Hung Nguyen	0.870	0.010	0.000	APCO	Alameda
VIP287	VIP	Truck Replacement	1	\$ 45,000.00	Manuel Rivera DBA JJC Trucking	0.900	0.010	0.000	APCO	San Joaquin
VIP288	VIP	Truck Replacement	1	\$ 45,000.00	Thanh Duc Nguyen	0.890	0.010	0.000	APCO	Alameda
39 Projects			49	\$ 8,217,425.00		33.850	2.601	1.159		

AGENDA 4 - ATTACHMENT 2

Figure 1: CMP/ MSIF Funding Distribution by Equipment Category as of 9/7/17

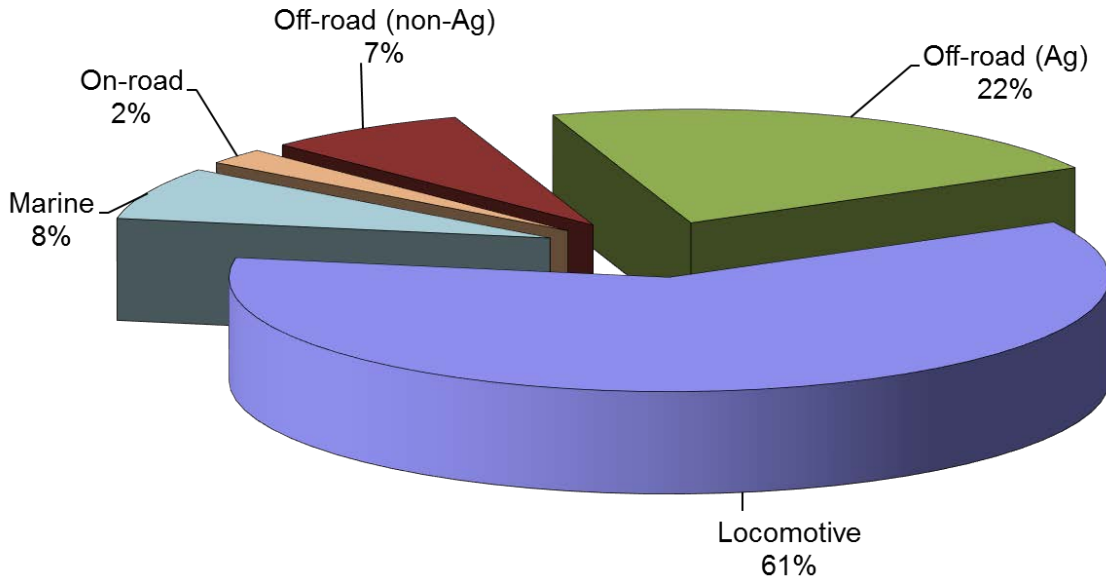
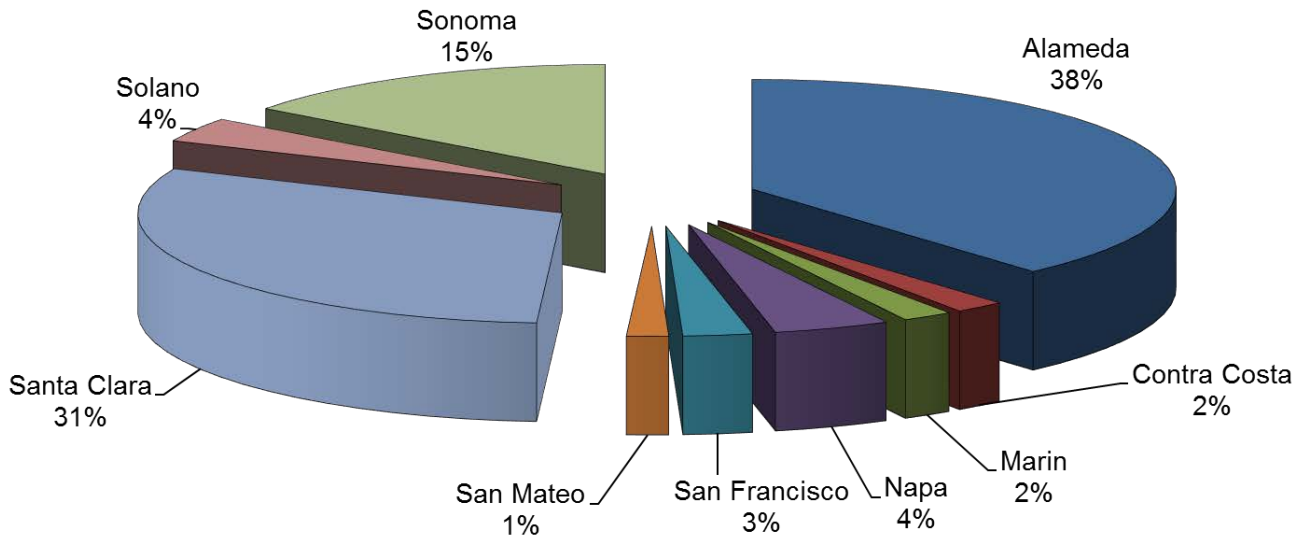


Figure 2: CMP/ MSIF Funding Distribution by County as of 9/7/17



AGENDA 4 - ATTACHMENT 3

Figure 3: CMP, MSIF, VBB and VIP funding since 2009 by equipment category

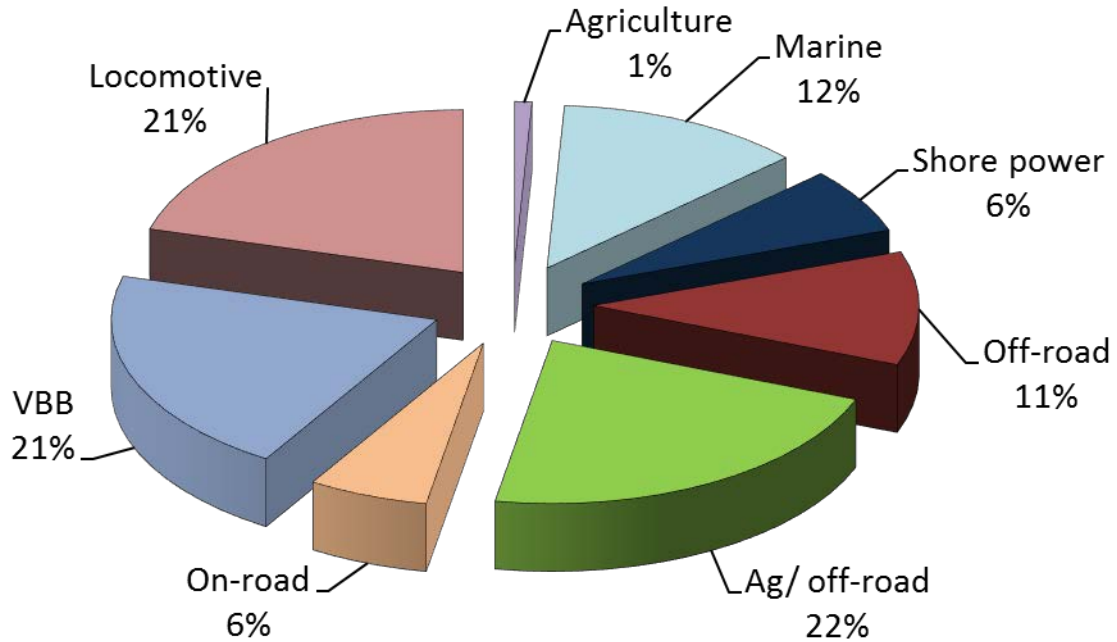
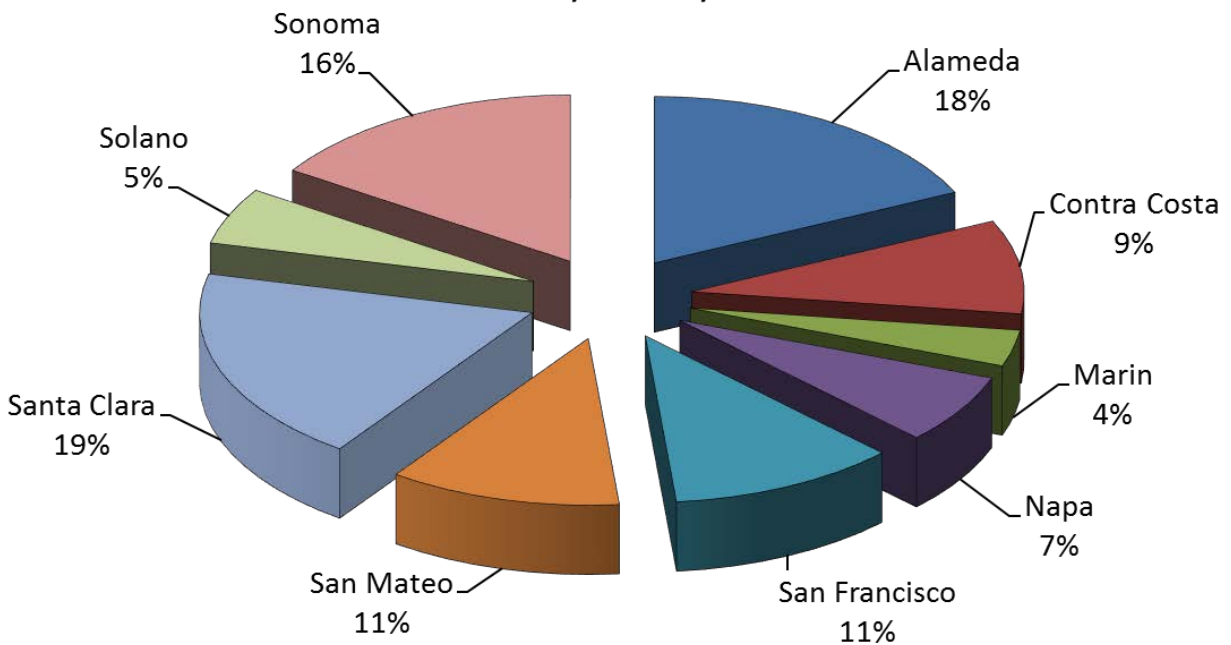


Figure 4: CMP, MSIF, VBB and VIP funding since 2009 by county



AGENDA 4 - ATTACHMENT 4

Summary of all TFCFA approved and eligible projects (evaluated between 7/1/2016 and 9/7/17)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board Approval Date	CARE Area	County
					NO _x	ROG	PM			
17EV001	Plug-in Electric Vehicles (PEV)	Install 17 dual-port Level 2 charging stations in San Bruno and San Mateo	\$98,000	San Mateo County Community College District	0.037	0.048	0.001	9/13/17	No	San Mateo
17EV002	PEV	Install 4 dual-port Level 2 charging stations in Milpitas	\$16,000	Efficient Drivetrains, Inc.	0.009	0.011	0.000	3/29/17	No	Santa Clara
17EV004	PEV	Install 3 dual-port Level 2 charging stations at a workplace in Brisbane	\$12,000	MPVCA Brisbane LLC	0.007	0.009	0.000	4/3/17	No	San Mateo
17EV005	PEV	Install 5 single-port Level 2 charging stations in Daly City, San Carlos, Menlo Park and Mountain View	\$15,000	Concept Hotels	0.009	0.011	0.000	7/11/17	No	Regional
17EV007	PEV	Install 26 single-port Level 2 and 1 DC Fast charging stations Mountain View	\$72,646	Mountain View Los Altos High School District	0.037	0.048	0.001	4/19/17	No	Santa Clara
17EV008	PEV	Install 3 single-port Level 2 charging stations in Fremont	\$17,000	Fremont Lakeview Investment, LLC	0.005	0.006	0.000	5/9/17	No	Alameda
17EV009	PEV	Install 4 dual-port level 2 charging stations in Menlo Park and Cupertino	\$10,000	J Cyril Johnson Investment Corp	0.005	0.007	0.000	7/27/17	No	Santa Clara
17EV012	PEV	Install 2 dual port - Level 2 and 2 DC Fast charging stations in Sebastopol	\$99,000	Morris 385 LLC	0.031	0.040	0.001	6/2/17	No	Sonoma
17EV013	PEV	Install 4 dual-port Level 2 charging stations in San Jose	\$16,000	San Jose Healthcare System, LP	0.009	0.011	0.000	7/20/17	Yes	Santa Clara
17EV014	PEV	Install 10 dual-port Level 2 charging stations in Livermore	\$40,000	Sandia National Laboratory	0.047	0.606	0.001	6/6/17	Yes	Alameda
17EV015	PEV	Install 14 dual-port Level 2 charging stations in Santa Rosa and Petaluma	\$56,000	Sonoma County Junior College District	0.030	0.040	0.001	7/6/17	No	Sonoma
17EV016	PEV	Install 6 dual-port Level 2 charging stations in Hayward	\$15,000	California State University, East Bay Foundation Inc.	0.008	0.011	0.000	7/18/17	No	Alameda
17EV017	PEV	Install 5 dual-port and 1 single port Level 2 charging stations in Redwood City	\$23,000	601 Marshall Street Owner, LLC	0.012	0.016	0.000	6/28/17	No	San Mateo
17EV018*	PEV	Install 182 single-port Level 2 and 8 DC Fast charging stations in Los Altos, Mountain View, and Los Altos Hills	\$1,400,763	Los Altos School District	0.390	0.508	0.008	Pending	No	Santa Clara
17EV020	PEV	Install 6 single-port Level 2 charging stations in Los Altos Hills	\$18,000	Fremont Hills Country Club	0.010	0.013	0.000	7/20/17	No	Santa Clara
17EV021	PEV	Install 52 single-port Level 2 charging stations in San Jose	\$156,000	North First SJ, LP	0.084	0.110	0.002	Pending	No	Santa Clara
17EV022	PEV	Install 26 single-port Level 2 and 1 DC Fast charging stations in Los Altos	\$96,000	Mountain View Los Altos High School District	0.056	0.073	0.001	Pending	No	Santa Clara
17EV023	PEV	Install 3 single-port Level 2 charging stations with solar in Richmond	\$18,000	San Francisco Estuary Institute	0.005	0.006	0.000	8/15/17	Yes	Contra Costa
17EV024	PEV	Install 20 single-port Level 2 charging stations with solar in Cotati	\$120,000	Old Redwood Commons Association	0.033	0.042	0.001	Pending	No	Sonoma
17R05**	Shuttle	City of Oakland Broadway Spare the Air Messaging	\$420,000	City of Oakland	N/A	N/A	N/A	7/18/16	Yes	Alameda
17R06**	Shuttle	LAVTA Spare the Air Messaging	\$1,050,000	Livermore Amador Valley Transit Authority	N/A	N/A	N/A	10/19/16	Yes	Alameda
17R11	Rideshare	511 Regional carpool and Vanpool Program	\$870,000	Metropolitan Transportation Commission	2.563	2.384	3.134	11/16/16	No	Regional
17R12	Rideshare	SJSU Ridesharing & Trip Reduction	\$139,500	Associated Students, San Jose State University	0.231	0.257	0.376	11/16/16	Yes	Regional
17R14	Shuttle	Caltrain Shuttle Program	\$639,900	Peninsula Corridor Joint Powers Board	2.136	2.482	3.718	11/16/16	No	San Mateo
17R15	Shuttle	ACE Shuttle 53 and 54	\$100,000	San Joaquin Regional Rail Commission	0.149	0.432	0.718	11/16/16	Yes	Alameda
17R16	Shuttle	ACE Shuttle Bus Program	\$960,000	Santa Clara Valley Transportation Authority	2.620	2.675	4.553	11/16/16	Yes	Santa Clara
17R17	Shuttle	PresidioGo Shuttle	\$100,000	Presidio Trust	0.344	0.383	0.605	11/16/16	Yes	San Francisco
17R18	Bicycle Facilities	Install 0.31 miles of Class II and 10.48 miles Class III bikeways in Daly City	\$133,117	City of Daly City	0.071	0.093	0.138	Pending	No	San Mateo
17R19	Bicycle Facilities	Install 0.36 miles of Class IV bikeways in Half Moon Bay	\$25,099	City of Half Moon Bay	0.003	0.004	0.006	9/13/17	No	San Mateo
17R20	Bicycle Facilities	Install 1.87 miles of Class II bikeways in Santa Rosa	\$201,907	City of Santa Rosa	0.027	0.039	0.050	Pending	No	Sonoma
17R21	Bicycle Facilities	Install 1.7 miles of Class II and 7.95 miles of Class III bikeways in San Leandro	\$139,128	City of San Leandro	0.030	0.040	0.059	Pending	Yes	Alameda

AGENDA 4 - ATTACHMENT 4

Summary of all TFCA approved and eligible projects (evaluated between 7/1/2016 and 9/7/17)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board Approval Date	CARE Area	County
					NO _x	ROG	PM			
17R22	Bicycle Facilities	Install 3.05 miles of Class III bikeways in Redwood City	\$29,206	City of Redwood City	0.004	0.005	0.007	9/13/17	No	San Mateo
17R23	Bicycle Facilities	Install 0.8 miles of Class I bikeway in Albany	\$246,552	East Bay Regional Park District	0.030	0.040	0.059	Pending	Yes	Alameda
17R24	Bicycle Facilities	Install 7.76 miles of Class III and .7 miles of Class IV bikeways in Cupertino	\$138,359	City of Cupertino	0.017	0.024	0.031	Pending	No	Santa Clara
17R26	Bicycle Facilities	Install 0.28 miles of Class I bikeway in San Carlos	\$120,721	City of San Carlos	0.011	0.014	0.021	Pending	No	San Mateo
17R27	Bicycle Facilities	Install 20 electronic bicycle lockers in Richmond	\$40,000	City of Richmond	0.005	0.007	0.009	9/13/17	Yes	Contra Costa
17R28	Bicycle Facilities	Install 104 electronic bicycle lockers in San Jose	\$208,000	City of San Jose	0.026	0.037	0.048	Pending	Yes	Santa Clara
17R29	Bicycle Facilities	Install 40 electronic bicycle lockers in San Francisco	\$100,000	San Francisco Municipal Transportation Agency	0.014	0.019	0.028	9/13/17	Yes	San Francisco
17R30	Bicycle Facilities	Install 16 electronic bicycle lockers in Oakland	\$36,000	City of Oakland	0.005	0.007	0.009	9/13/17	No	Alameda
17R31	Bicycle Facilities	Install 74 bicycle racks and 8 electronic bicycle lockers in Fremont	\$21,550	City of Fremont	0.007	0.010	0.011	9/13/17	No	Alameda
17R32	Bicycle Facilities	Install 171 bicycle racks in Palo Alto.	\$12,825	Palo Alto Unified School District	0.012	0.016	0.016	9/13/17	No	Santa Clara
41 Projects			\$8,030,273		9.126	10.581	13.613			

* The proposed award for Project #17EV018 includes \$99,900 of funds from the California Energy Commission (CEC), pending CEC's approval. The TFCA award for this project is \$1,300,863.

** Projects funded through Air District's Spare the Air program. Emission reductions are not reported as they will be evaluated as benefits for the Spare the Air program.

AGENDA 4 - ATTACHMENT 5

Summary of FYE 2017 TFCA funds distributed by county and project category, as of 9/7/17

Figure 1: TFCA Projects Awarded FYE2017
Distributed by Project Category

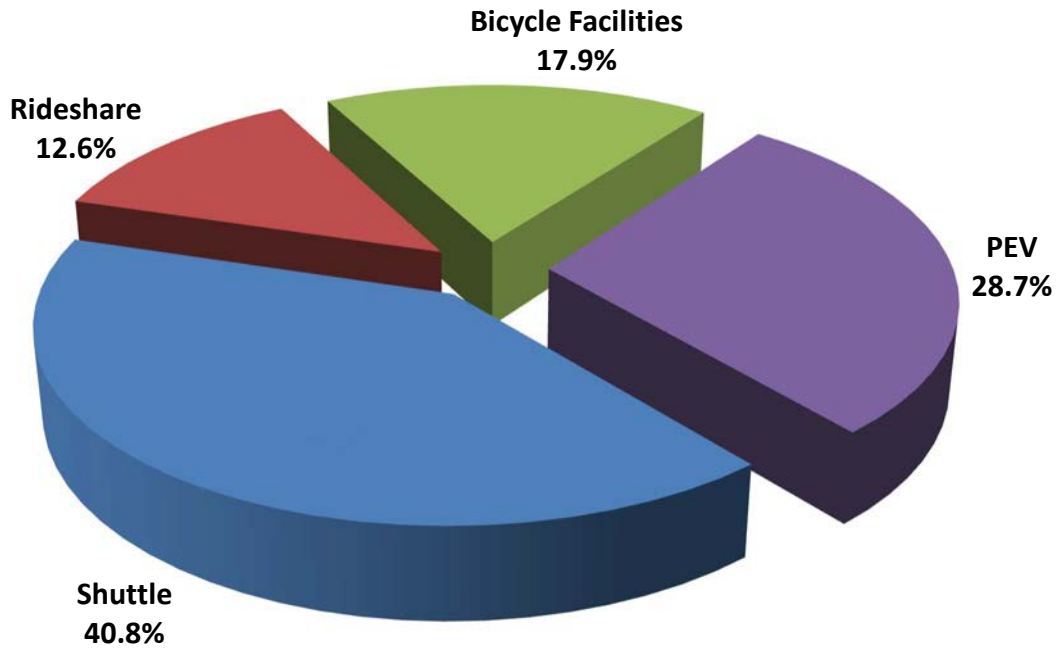
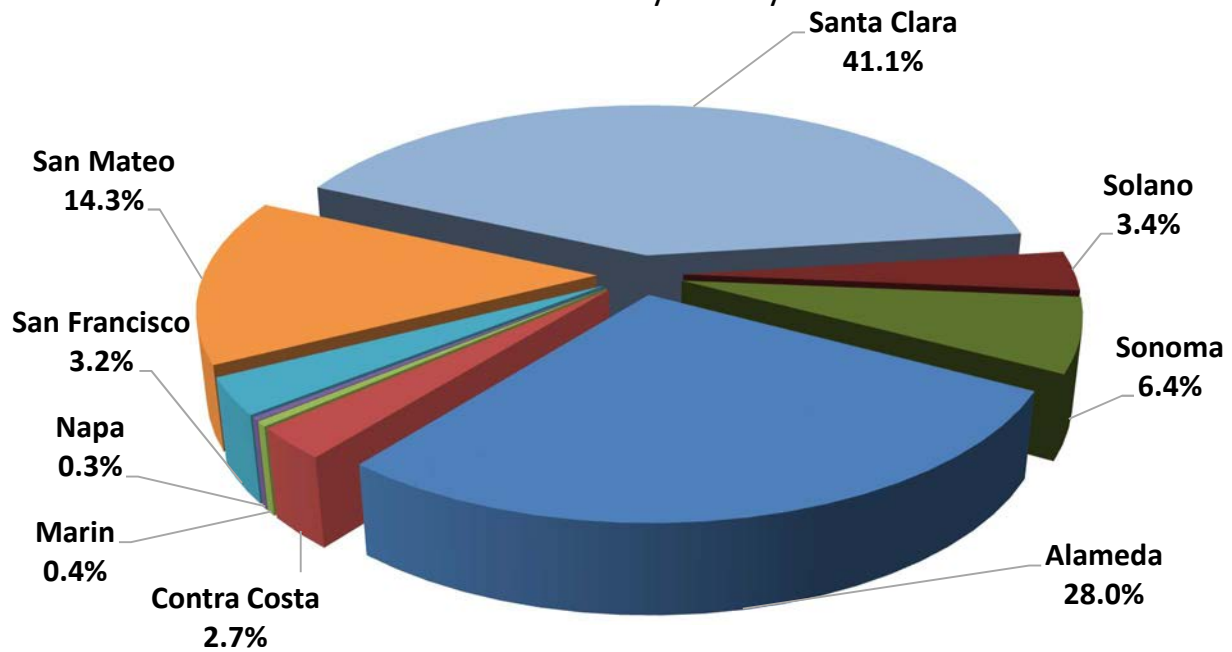


Figure 2: TFCA Projects Awarded FYE2017
Distributed by County



AGENDA 4 - ATTACHMENT 6

Summary of all Commercial Lawn and Garden Equipment Replacement Program approved and eligible projects (as of 9/7/17)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Board Approval Date	CARE Area	County
CLG2-02	Commercial Lawn & Garden (L&G)	Replace 6 pieces of conventional L&G equipment with zero-emission equipment	\$16,609	Dublin USD	11/1/17	Yes	Alameda
CLG2-04	Commercial L&G	Replace 3 pieces of conventional L&G equipment with zero-emission equipment	\$2,020	City of Dublin	3/14/17	Yes	Alameda
CLG2-05	Commercial L&G	Replace 12 pieces of conventional L&G equipment with zero-emission equipment	\$15,683	City of Piedmont	5/25/17	No	Alameda
CLG2-06	Commercial L&G	Replace 41 pieces of conventional L&G equipment with zero-emission equipment	\$114,827	UC Berkeley	Pending	No	Alameda
CLG2-07	Commercial L&G	Replace 17 pieces of conventional L&G equipment with zero-emission equipment	\$90,184	Peralta Community College	8/2/17	Yes	Alameda
CLG2-08	Commercial L&G	Replace 12 pieces of conventional L&G equipment with zero-emission equipment	\$60,187	CSU East Bay	9/15/16	No	Alameda
CLG2-09	Commercial L&G	Replace 20 pieces of conventional L&G equipment with zero-emission equipment	\$48,123	City of Fremont	4/21/17	No	Alameda
CLG2-10	Commercial L&G	Replace 20 pieces of conventional L&G equipment with zero-emission equipment	\$108,653	City of Oakland	Pending	Yes	Alameda
CLG2-11	Commercial L&G	Replace 1 piece of conventional L&G equipment with zero-emission equipment	\$28,222	UC Village	10/12/16	Yes	Alameda
9 Projects			\$484,507				

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 12, 2017

Re: Selection of a Vendor to Conduct Financial and Compliance Audits

RECOMMENDATIONS

Recommend the Board of Directors:

1. Approve the selection of Simpson & Simpson, LLP to conduct a Financial Audit for Fiscal Year Ending (FYE) 2018 and a Compliance Audit of the Transportation Fund for Clean Air (TFCA) programs and projects that closed by FYE 2017;
2. Authorize the Executive Officer/APCO to execute a contract with Simpson & Simpson, LLP at a cost not to exceed \$119,350 for services performed in FYE 2018 (Year 1); and
3. Authorize the Executive Officer/APCO to extend the contract with Simpson & Simpson, LLP in an amount not to exceed \$151,350 annually for up to two additional years, at the Air District's discretion, based on contractor's performance.

BACKGROUND

Government agencies are required by law to conduct an independent audit of their annual financial statements. In addition, the California Health and Safety Code Section 44242 requires the Bay Area Air Quality Management District (Air District) to perform an audit on each of the TFCA programs and projects that are funded with motor vehicle registration fee surcharges collected under Section 44241 at least every two years. The Air District's Administrative Purchasing Procedures require the Air District to rebid contracts for financial auditing services every three years.

DISCUSSION

The Air District issued a combined Request for Proposals (RFP) on July 17, 2017, to solicit proposals that address the following two components:

1. Conduct the Air District's Annual Financial Audit for FYE 2018; and
2. Conduct a Compliance Audit of TFCA projects and programs that closed by June 30, 2017.

The RFP was forwarded to 51 public sector audit firms in California and also posted on the Air District's website. Additionally, an announcement was posted on the RFP page of the California Society of Municipal Finance Officers' website. A pre-bidder's conference meeting was held on August 3, 2017, in San Francisco and via an online webinar for the purpose of providing an outline of the RFP requirements and an opportunity for Q&A. The Air District also received 34 questions from interested parties by the August 10 deadline and responses to these questions were posted on the Air District's website by August 17, 2017.

The Air District received proposals from the following eight firms by the August 25, 2017 deadline: Armanino, LLP, Brown Armstrong, Crowe Horwath, Gilbert Associates, James Marta & Company LLC, Macias Gini & O'Connell, Simpson & Simpson, LLP, and Vavrinek, Trine, Day & Co.

Evaluation of Proposals

A panel, comprised of five staff members representing the Finance Department, Strategic Incentives Division, and Technology Implementation Office, evaluated and scored seven of the eight proposals received based on the five evaluation criteria outlined in the RFP. The proposal from Vavrinek, Trine, Day & Co., was not evaluated because it was incomplete in that it contained a bid for only one of two required RFP components. The RFP evaluation criteria is listed below:

- **Expertise:** Technical expertise, size and structure of the firm and personnel assigned to RFP tasks; firm's ability to perform and complete the work in a professional and timely manner;
- **Skill:** Past experience of the firm and, in particular, experience of the team working on projects of similar scope for other governmental agencies;
- **Approach:** Responsiveness of the proposal, based upon a clear understanding of the work to be performed;
- **Cost:** Cost or cost effectiveness and resource allocation strategy;
- **Reference:** References of the firm; and
- **Specialty:** Whether the firm is a local or green business.

The panel members' scores for each criterion were averaged, and the seven complete proposals were ranked according to the sum of these scores. Table 1 below lists the RFP evaluation criteria and shows each firm's averaged score by criteria.

Table 1. Scoring of Proposals

FIRM (by rank order)	Total (100 max)	Expertise (25 max)	Skill (15 max)	Approach (25 max)	Cost (25 max)	References (5 max)	Specialty (5 max)
1. Simpson & Simpson, LLP	87	23.2	13.4	21.6	22.8	3.8	2.2
2. James Marta & Company LLC	80	21.6	13	18.2	21.4	3.8	2
3. Gilbert Associates	76	20.2	13.8	22	13.8	4	2.2
4. Crowe Horwath	72.8	20.6	11	17.8	16	3.8	3.6
5. Brown Armstrong	68.8	20.4	12.2	15.4	15.4	3.6	1.8
6. Armanino, LLP	67.6	20.4	10.8	18.2	10	3.8	4.4
6. Macias Gini & O'Connell	67.6	21.2	11.8	16.6	10.2	3.8	4
N/A: Vavrinek, Trine, Day & Co.	Non-Responsive/Incomplete Application						

Based on the scores in Table 1 staff is recommending Simpson & Simpson, LLP for a contract not to exceed \$119,350 to conduct the auditing services in FYE 2018 (year 1) and up to \$151,350 in FYE 2019 (year 2) and FYE 2020 (year 3). Additionally, staff is requesting the authorization to extend the contract with Simpson & Simpson, LLP for up to two additional years, at the Air District’s discretion, based on contractor’s performance. The difference (higher) estimated costs for auditing services in subsequent years is due to the TFCA County Program Manager fund being audited only every other year, rather than annually, and given that the number of TFCA projects that close and are ready to be audited varies from year to year.

Simpson & Simpson, LLP had the highest overall score, and scored highest on the criteria related to expertise, approach, and cost effectiveness/resource strategy. Simpson & Simpson, LLP, founded in 1976 in Los Angeles, California, operates as a partnership and firm of Certified Public Accountants and has been conducting business for over 40 years, specializing in auditing, accounting, management consulting, and tax services to local governments, special districts, and nonprofit organizations. The firm has 40 professional staff members, and all of its management level and higher professionals are certified public accountants.

Simpson and Simpson, LLP has extensive experience in audits of local governments and special districts. Its clients include the South Coast Air Quality Management District (SCAQMD), for which it has conducted financial and compliance audits that are similar in scope to those that are proposed for our District. In addition, Simpson and Simpson, LLP also serves some of the largest governmental organizations in California such as the City of Los Angeles, the Los Angeles Unified

School District, the Los Angeles County Metropolitan Transportation Authority, and the City of Los Angeles Department of Water & Power. Over the past five years, it has provided financial audits to over nine major public agencies and special districts.

BUDGET CONSIDERATION/FINANCIAL IMPACT

The costs associated with the FYE 2018 auditing services are included in the Air District's FYE 2018 budget. Future auditing service costs for FYE 2019 and FYE 2020 will be budgeted appropriately in the ordinary course of the Air District's budget process.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Ken Mak and Chengfeng Wang
Reviewed by: Karen Schkolnick and Stephanie Osaze

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Karen Mitchoff and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 11, 2017

Re: Accept, Obligate, and Expend funding from the United States Environmental
Protection Agency (EPA)

RECOMMENDATIONS

Recommend Board of Directors:

1. Adopt a Resolution authorizing the Bay Area Air Quality Management District (Air District) to accept, obligate, and expend up to \$639,670 from the U.S. Environmental Protection Agency (EPA) to replace one locomotive; and
2. Authorize the Executive Officer/APCO to enter into all agreements necessary to accept and expend this funding.

BACKGROUND

The Diesel Emissions Reduction Act (DERA), codified at 42 U.S.C. 16131 *et seq.*, authorizes EPA to offer funding assistance to eligible entities on a competitive basis. On April 18, 2017, the EPA's Office of Transportation and Air Quality opened a Request for Proposals to solicit proposals nationwide through the DERA Clean Diesel Funding Assistance Program (CDFAP) for projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced by diesel engines and diesel emissions exposure, particularly from fleets operating at or servicing goods movement facilities located in areas designated as having poor air quality. EPA gives priority for funding to projects that result in outcomes that benefit affected communities, those that engage affected communities with respect to the design and performance of the project, and those which can demonstrate the ability to promote and continue efforts to reduce emissions after the project has ended. EPA anticipates awarding approximately \$34 million in DERA grant funding under this announcement.

DISCUSSION

On June 23, 2017, the Air District submitted a proposal to the EPA to replace one uncontrolled locomotive owned by Oakland Global Rail Enterprise, LLC with one Tier 4 locomotive that operates in goods movement service at the former Oakland Army Base and Port of Oakland. On July 26, 2017, the EPA informed the Air District that it had been awarded \$639,670 in funding, of which \$14,670 can be used for the Air District's administration of the project. The project is projected to reduce 2.56 tons of particulate matter (PM), 6.01 tons of hydrocarbons (HC), and 117.9 tons of nitrogen oxides (NOx) over the life of the project.

The proposed project seeks to reduce air pollution and the associated health risk in the West Oakland community, which is heavily impacted by diesel emissions from fleets operating at or servicing goods movement facilities located in and around the former Oakland Army Base and Port of Oakland. Following a successful deployment, this technology could be applied to other locomotives operating in Bay Area rail fleets with the potential for further immediate emissions reductions.

As part of this report, the Committee will consider a recommendation to adopt a resolution that would authorize the Air District to accept and obligate EPA CDFAP monies to replace one locomotive into the FYE 2018 budget, and authorize the Air District's Executive Officer to enter into all necessary agreements to accept and expend these funds. A resolution adopted by the Air District's Board of Directors (Board) is required to accept these funds.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. The Air District distributes "pass-through" funds to grantees on a reimbursement basis. Administrative costs are provided by the funding source.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Joseph Steinberger
Reviewed by: Karen Schkolnick

Attachment A: Board Resolution to accept, obligate, and expend \$639,670 in EPA-DEIRA funds to replace one locomotive.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RESOLUTION NO. 2017-_____

**A Resolution of the
Board of Directors of the Bay Area Air Quality Management District
authorizing the Bay Area Air Quality Management District to accept, obligate, and
expend \$639,670 in funding from the U.S. Environmental Protection Agency to
replace one locomotive and to authorize the Executive Officer/Air Pollution Control
Officer to execute all necessary agreements, required documents, and amendments
required to expend this funding**

WHEREAS, the purpose of this Resolution is to authorize the Bay Area Air Quality Management District (“Air District”) to accept, obligate, and expend up to \$639,670 in funding from the U.S. Environmental Protection Agency (“EPA”) to replace one locomotive and to authorize the Executive Officer/Air Pollution Control Officer to execute all necessary agreements, required documents, and amendments required to expend this funding;

WHEREAS, on April 18, 2017, the EPA issued a Request for Proposals (RFP) for the Diesel Emission Reduction Act (DERA) Clean Diesel Funding Assistance Program Fiscal Year 2017 for projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced by diesel engines and diesel emissions exposure, particularly from fleets operating at or servicing goods movement facilities located in areas designated as having poor air quality;

WHEREAS, on June 23, 2017, the Air District submitted a proposal to the EPA to replace one uncontrolled locomotive owned by Oakland Global Rail Enterprise, LLC with one Tier 4 locomotive that operates at the former Oakland Army Base at the Port of Oakland;

WHEREAS, on July 26, 2017, the Air District received a letter from the EPA informing the Air District of a \$639,670 award for the proposed project;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors hereby approves the District’s acceptance of EPA funds, and commits the District to comply with the EPA DERA project requirements.

BE IT FURTHER RESOLVED, the Executive Officer/Air Pollution Control Officer to accept, obligate, and execute all agreements, required documents, and any amendments thereto.

Agenda 6 - Attachment A: Board Resolution to accept, obligate, and expend \$639,670 in EPA-
DERA funds to replace one locomotive

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

AYES:

NOES:

ABSTAIN:

ABSENT:

Liz Kniss
Chair of the Board of Directors

ATTEST:

Katie Rice
Secretary of the Board of Directors