



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

SCOTT HAGGERTY – CHAIR  
MARGARET ABE-KOGA  
CAROLE GROOM  
TYRONE JUE  
NATE MILEY  
JIM SPERING

DAVID CANEPA – VICE CHAIR  
PAULINE RUSSO CUTTER  
DAVE HUDSON  
DOUG KIM  
KAREN MITCHOFF

THURSDAY  
JANUARY 24, 2019  
9:30 A.M.

1<sup>ST</sup> FLOOR BOARD ROOM  
375 BEALE STREET  
SAN FRANCISCO, CA 94105

AGENDA

1. CALL TO ORDER - ROLL CALL

PLEDGE OF ALLEGIANCE

PUBLIC MEETING PROCEDURE

*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.*

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

**Public Comment 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.*

2. **PUBLIC COMMENT ON NON-AGENDA MATTERS**

**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.*

Staff/Phone (415) 749-

3. **APPROVAL OF THE MINUTES OF DECEMBER 17, 2018**

Clerk of the Boards/5073

*The Committee will consider approving the attached draft minutes of the Mobile Source Committee meeting of December 17, 2018.*

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

K. Schkolnick/5070

[kschkolnick@baaqmd.gov](mailto:kschkolnick@baaqmd.gov)

*The Committee will consider recommending Board of Directors' approval of Carl Moyer Program and Transportation Fund for Clean Air 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. **PARTICIPATION IN YEAR 21 OF THE CARL MOYER PROGRAM AND APPROVAL OF THE 2019 CALTRAIN FUNDING PLAN**

K. Schkolnick/5070

[kschkolnick@baaqmd.gov](mailto:kschkolnick@baaqmd.gov)

*The Committee will consider recommending Board of Directors' approval of a resolution authorizing the Air District's participation in Year 21 of the Carl Moyer Program and the approval of the 2019 funding plan for the Caltrain Electrification project.*

6. **AIR DISTRICT GRANT PROGRAMS OVERVIEW**

K. Schkolnick/5070

[kschkolnick@baaqmd.gov](mailto:kschkolnick@baaqmd.gov)

*The Committee will receive an informational report on grant funds awarded by the Air District in calendar year 2018, funds awarded over the past five years, and projected funding for grant programs in calendar year 2019.*

7. **PUBLIC COMMENT ON NON-AGENDA MATTERS**

*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.*

8. **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)*

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

*Thursday, February 28, 2019, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.*

10. **ADJOURNMENT**

*The Committee meeting shall be adjourned by the Committee Chair.*

**CONTACT:**

**MANAGER, EXECUTIVE OPERATIONS**  
**375 BEALE STREET, SAN FRANCISCO, CA 94105**  
[vjohnson@baaqmd.gov](mailto:vjohnson@baaqmd.gov)

**(415) 749-4941**  
**FAX: (415) 928-8560**  
**BAAQMD homepage:**  
[www.baaqmd.gov](http://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](http://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](mailto:rsanders@baaqmd.gov)

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

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

**JANUARY 2019**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Climate Protection Committee</b> <i>(Meets on the 3<sup>rd</sup> Thursday of every other Month) - CANCELLED</i>	Thursday	17	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of every other Month) - CANCELLED</i>	Monday	21	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	23	9:30 a.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	24	9:30 a.m.	1 <sup>st</sup> Floor Board Room

**FEBRUARY 2019**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	6	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	20	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Technology Implementation Office Steering Committee</b> <i>(At the Call of the Chair)</i>	Wednesday	21	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Legislative Committee</b> <i>(At the Call of the Chair)</i>	Monday	25	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	27	9:30 a.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	28	9:30 a.m.	1 <sup>st</sup> Floor Board Room

## MARCH 2019

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	6	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Advisory Council Mtg.</b> <i>(At the Call of the Chair)</i>	Monday	11	10:00 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets 3<sup>rd</sup> Monday of Every Other Month)</i>	Monday	18	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	20	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets 3<sup>rd</sup> Thursday of Every Other Month)</i>	Thursday	21	9:30 a.m.	1 <sup>st</sup> Floor Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	27	9:30 a.m.	1 <sup>st</sup> Floor, Yerba Buena Room #109
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	28	9:30 a.m.	1 <sup>st</sup> Floor Board Room
HL – 1/17/19 – 11:30 a.m.				G/Board/Executive Office/Moncal

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson Scott Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: January 11, 2019

Re: Approval of the Minutes of December 17, 2018

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RECOMMENDED ACTION

Approve the attached draft minutes of the Mobile Source Committee (Committee) meeting of December 17, 2018.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of December 17, 2018.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Marcy Hiratzka  
Reviewed by: Vanessa Johnson

Attachment 3A: Draft Minutes of the Committee Meeting of December 17, 2018

## AGENDA 3A – ATTACHMENT

Draft Minutes – Mobile Source Committee Meeting of December 17, 2018

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  
Monday, December 17, 2018

#### **1. CALL TO ORDER – ROLL CALL**

Mobile Source Committee (Committee) Chairperson, Scott Haggerty, called the meeting to order at 9:30 a.m.

Present: Chairperson Scott Haggerty; Vice Chair David Canepa; and Directors Margaret Abe-Koga, Pauline Russo Cutter, Carole Groom, David Hudson, Tyrone Jue, Doug Kim, Nate Miley, and Karen Mitchoff.

Absent: Director Jim Spring.

Also Present: None.

#### **2. PUBLIC COMMENT ON NON-AGENDA MATTERS**

No requests received.

#### **3. APPROVAL OF THE MINUTES OF OCTOBER 25, 2018**

##### Public Comments

No requests received.

##### Committee Comments

None.

##### Committee Action

Vice Chair Canepa made a motion, seconded by Director Hudson, to **approve** the Minutes of October 25, 2018; and the motion carried by the following vote of the Committee:

AYES: Canepa, Cutter, Groom, Haggerty, Hudson, Jue, Kim, and Mitchoff.  
NOES: None.



ABSTAIN: None.  
ABSENT: Abe-Koga, Miley, and Spering.

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

NOTED PRESENT: Director Abe-Koga was noted present at 9:35 a.m.

Karen Schkolnick, Strategic Incentives Division Director, introduced Judy Williams, Staff Specialist, who gave the staff presentation *Projects and Contracts with Proposed Grant Awards Over \$100,000*, including: overview; Carl Moyer Program (CMP) and Mobile Source Incentive Fund (MSIF); Community Health Protection Grant Program (CHP); project recommendations over \$100,000; projected grant revenues for Fiscal Year Ending (FYE) 2019; funds recommended and awarded by project category and by county; status of FYE 2019 incentive funding by source; open solicitations and available funding; and recommendations.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed how frequently funding is awarded to bicycle facility projects and how such improvements might improve transit ridership; and whether marine vessel engines are being funded by Air District grants, and reporting requirements of such vessels.

Committee Action

Vice Chair Canepa made a motion, seconded by Director Mitchoff, to recommend that the Board **approve** staff recommendations; and the motion carried by the following vote of the Committee:

AYES: Abe-Koga, Canepa, Cutter, Groom, Haggerty, Hudson, Jue, Kim, and Mitchoff.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Miley and Spering.

**5. FISCAL YEAR ENDING (FYE) 2017 TRANSPORTATION FUND FOR CLEAN AIR PROGRAM AUDIT RESULTS**

Ms. Schkolnick introduced Ken Mak, Acting Supervising Staff Specialist, who gave the staff presentation *FYE 2017 Transportation Fund for Clean Air (TFCA) Program Audit Results*, including: overview; background; Audit #19 process and results; County Program Manager Fund; and next steps. Joseph Moussa, Senior Audit Manager, from Simpson & Simpson, LLP, was asked to introduce himself and answer the Committee's questions.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed the causes of the auditor’s two findings in the County Program Manager Fund and the corresponding mitigation strategies; and the auditor’s experience of working with the Air District.

Committee Action

None; receive and file.

**6. REPORT ON TRANSPORTATION FUND FOR CLEAN AIR PROJECTS EXPENDITURES AND EFFECTIVENESS FOR FISCAL YEAR ENDING 2018**

Ms. Schkolnick introduced Linda Hui, Staff Specialist, who gave the staff presentation *Report on TFCA Projects Expenditures and Effectiveness for FYE 2018*, including: overview; background; expenditures by project category; expenditures and effectiveness report results and key findings; and next steps.

NOTED PRESENT: Director Miley was noted present at 10:00 a.m.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed the request for a report that compares the Air District’s emission reductions (from TFCA projects) to emission reductions of other air districts in California that also receive TFCA funding; FYE 2018 administrative and audit costs; the need for municipal-run, last-mile connections (shuttles or rideshare vehicles); the current status of the Air District’s Vehicle BuyBack Program and the Air District’s utilization of admail; and whether autonomous vehicles are considered cost-effective TFCA projects.

Committee Action

None; receive and file.

**7. PUBLIC COMMENT ON NON-AGENDA MATTERS**

No requests received.

**8. COMMITTEE MEMBER COMMENTS**

Jack P. Broadbent, Executive Officer/Air Pollution Control Officer, announced that on December 14, 2018, the California Air Resources Board adopted Innovative Clean Transit Regulation that requires California transit agencies to gradually transition their buses to zero-emission technologies.

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

Thursday, January 24, 2019, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

**10. ADJOURNMENT**

The meeting adjourned at 10:10 a.m.

Marcy Hiratzka  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Scott Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: January 11, 2019

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

**RECOMMENDED ACTION**

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 (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 (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). Assembly Bill (AB) 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the CMP.

In 2017, AB 617 directed the ARB, 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 \$250 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. The Bay Area has been allocated \$50 million of these funds for emission reduction projects. These funds will be used to implement projects under the CMP, and optionally on-road truck replacements under the Proposition 1B Goods Movement Emission Reduction Program.

On February 21, 2018, the Board of Directors (Board) authorized Air District participation in Year 20 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 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 funding.

On May 2, 2018, the Board authorized funding allocations for use of TFCA revenue in Fiscal Year Ending (FYE) 2019, cost-effectiveness limits for Air District-sponsored FYE 2019 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 6, 2018, the Board adopted policies and evaluation criteria for the FYE 2019 TFCA Regional Fund program.

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 the ARB and the Board.

## DISCUSSION

### **Carl Moyer Program and Community Health Protection Grant Program:**

For the CMP Year 20 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 20 funding cycle on June 25, 2018 and applications are accepted and evaluated on a first-come, first-served basis. On December 20, 2017 the Board authorized the Air District to accept, obligate and expend \$50 million in AB 134 funds through the Community Health Protection Grant Program.

As of January 3, 2019, the Air District had received 154 project applications. Of the applications that have been evaluated between November 16, 2018 and January 3, 2019, 7 eligible projects have proposed individual grant awards over \$100,000. These projects will replace 1 piece of agricultural equipment, 10 pieces of off-road equipment, 1 locomotive, 5 school buses, and 1 marine engine, and will reduce over 16.863 tons of NOx, ROG and Particulate Matter (PM) per year. Staff recommends the allocation of \$4,946,461 for these projects from a combination of CMP funds, MSIF revenues, and Community Health Protection Grant Program funds. Attachment 1, Table 1, provides additional information on these projects.

Attachment 2, lists all of the eligible projects that have been received by the Air District as of January 3, 2019, including information about the equipment category, award amounts, estimated emissions reductions, and county location. Approximately 60% 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 \$254 million awarded to 1,119 projects).

### **Transportation Fund for Clean Air Program:**

In FYE 2019, the Air District had more than \$20 million in TFCA monies to allocate to eligible projects. This includes more than \$13 million in new TFCA monies and \$7 million in carryover funds from previous cycles. To date, the Air District has issued solicitations for existing shuttle & rideshare, pilot trip reduction, light- and medium-duty zero-emissions vehicle fleets, and electric vehicle charging station projects. As of January 3, 2019, the Air District had received 18 project applications. Of the applications that were evaluated between November 16, 2018 and January 3, 2019, none of the eligible projects proposed an individual grant award over \$100,000.

Attachment 3 lists all eligible TFCA projects that were evaluated as of January 3, 2019, including information about the equipment category, award amounts, estimated emissions reductions, and county location. Approximately 19% of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities.

### **BUDGET CONSIDERATION / FINANCIAL IMPACT**

None. The Air District distributes CMP, MSIF, Community Health Protection Grant Program, and TFCA funding to public agencies and private entities 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, Ken Mak, and Mark Tang

Reviewed by: Karen Schkolnick and Chengfeng Wang

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 Approved and Eligible Projects

Attachment 4: Summary of Funding Awarded Between 7/1/18 and 1/3/19

## 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 11/16/18 and 1/3/19)**

Project #	Applicant name	Equipment category	Project description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NOx	ROG	PM	
20MOY107	Argo Sportfishing	Marine	Replacement of one diesel marine engine	\$ 109,000.00	\$ 138,277.00	1.031	0.016	0.036	San Francisco
20MOY132	County Quarry Products, LLC	Off-road	Replacement of one diesel powered loader	\$ 540,000.00	\$ 844,523.00	2.412	0.112	0.066	Contra Costa
20MOY134	DeSilva Gates Construction	Off-road	Replacement of 8 diesel engines on off-road scrapers	\$ 1,901,000.00	\$ 2,740,000.00	6.636	0.358	0.190	Alameda
20MOY141	Concord Iron Works, Inc.	Off-road	Replacement of one diesel powered forklift	\$ 111,000.00	\$ 204,882.00	0.308	0.034	0.021	Contra Costa
20MOY126	Kabeela, Inc.	Ag/ off-road	Replacement of one diesel powered tractor	\$ 134,400.00	\$ 168,058.00	0.229	0.024	0.014	Santa Clara
20MOY149	Napa Valley Wine Train, Inc.	Locomotive	Replacement of one diesel powered locomotive	\$ 1,400,000.00	\$ 1,777,875.00	4.855	0.159	0.110	Napa
20SBP140	Sunnyvale School District	School Bus	Replacement of 5 CNG school buses with 1 CNG bus and 4 electric buses	\$ 751,061.00	\$ 1,516,284.00	0.235	0.013	0.005	Santa Clara
<b>7 Projects</b>				<b>\$ 4,946,461.00</b>	<b>\$ 7,389,899.00</b>	<b>15.705</b>	<b>0.717</b>	<b>0.441</b>	



## AGENDA 4 - ATTACHMENT 2

*CMP/MSIF, FARMER and Community Health Protection Grant Program approved projects  
(between 7/6/18 and 1/3/19)*

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
19MOY166	On-road	Equipment replacement	1	\$ 45,000.00	Deol Trans / Piara Singh	0.668	0.050	0.004	APCO	Contra Costa
19MOY168	Ag/ off-road	Equipment replacement	1	\$ 33,000.00	Rancho Las Juntas Vineyard	0.028	0.006	0.004	APCO	Contra Costa
19MOY163	Marine	Engine replacement	1	\$ 180,000.00	Bettencourt and Son (Commercial fishing)	0.647	0.009	0.021	10/17/2018	San Mateo
19MOY182	On-road	Equipment replacement	1	\$ 45,000.00	Thy Trucking	0.677	0.050	0.004	APCO	Alameda
19MOY185	On-road	Equipment replacement	1	\$ 60,000.00	Puerta Trucking	0.717	0.097	0.032	APCO	Merced
19MOY158	Ag/ off-road	Equipment replacement	1	\$ 117,000.00	Ocean Breeze Dairy	0.310	0.020	0.015	10/17/2018	Sonoma
19MOY159	Ag/ off-road	Equipment replacement	1	\$ 40,480.00	Trefethen Farming LLC	0.173	0.030	0.021	APCO	Napa
19MOY176	Ag/ off-road	Equipment replacement	1	\$ 60,930.00	Bazan Vineyard Management	0.198	0.033	0.025	APCO	Napa
19SBP12	School bus	Equipment replacement	4	\$ 512,170.00	Moreland School District	0.237	0.016	0.000	10/17/2018	Santa Clara
19MOY148	Off-road	Equipment replacement	2	\$ 197,278.00	The Lumber Baron, Inc.	0.178	0.044	0.008	10/17/2018	Alameda
19SBP97	School bus	Equipment replacement	8	\$ 1,635,693.00	Vallejo City Unified School District	0.826	0.065	0.000	10/17/2018	Solano
19MOY175	Off-road	Equipment replacement	1	\$ 75,680.00	Mt. Diablo Landscape Centers, LLC	0.189	0.031	0.023	APCO	Contra Costa
20MOY51	Ag/ off-road	Equipment replacement	5	\$ 467,856.00	Johnson and Neles Dairy	1.985	0.208	0.124	10/17/2018	Sonoma
20MOY52	On-road	Equipment replacement	1	\$ 60,000.00	James Marlowe Carson	0.904	0.068	0.005	APCO	Napa
19MOY181	Ag/ off-road	Equipment replacement	1	\$ 50,300.00	Jensen Ranch	0.122	0.019	0.011	APCO	Marin
19SBP140	School bus	Equipment replacement	18	\$ 4,076,369.00	Fremont Unified School District	1.717	0.139	0.034	10/17/2018	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		
20SBP45	School bus	Equipment replacement	2	\$ 1,291,000.00	Campbell Union School District	0.104	0.006	0.000	10/17/2018	Santa Clara
19MOY180	On-road	Equipment replacement	26	\$ 492,100.00	Nestle Waters North America	1.061	0.046	0.003	11/7/2018	Alameda, Solano
20MOY36	On-road	Equipment replacement	1	\$ 60,000.00	ZQR Trucking	0.982	0.074	0.006	APCO	Alameda
20MOY48	Marine	Engine replacement	1	\$ 99,500.00	Michael Thomas Hudson (Commercial fishing)	0.257	0.006	0.010	APCO	Alameda
20MOY60	Ag/ off-road	Equipment replacement	1	\$ 46,355.00	Siqueira Vineyard Management	0.156	0.026	0.018	APCO	Napa
20MOY50	Marine	Engine replacement	2	\$ 159,000.00	Captain Joe's Sportfishing	0.367	0.009	0.017	11/7/2018	San Francisco
20MOY71	Ag/ off-road	Equipment replacement	6	\$ 258,796.00	Vina Management Services	0.865	0.124	0.084	11/7/2018	Sonoma
20MOY65	On-road	Equipment replacement	1	\$ 40,000.00	Zahniser Trucking	0.738	0.122	0.006	APCO	Contra Costa
20MOY29	Off-road	Equipment replacement	3	\$ 15,000.00	D. C. Metals, Inc.	0.126	0.034	0.001	APCO	Alameda
20MOY62	Ag/ off-road	Equipment replacement	1	\$ 60,190.00	Vezer Family Vineyards	0.048	0.012	0.010	APCO	Solano
20MOY46	On-road	Equipment replacement	1	\$ 49,000.00	Akal Sahai Truck Lines Inc.	1.446	0.217	0.000	APCO	Alameda
20MOY63	On-road	Equipment replacement	1	\$ 23,500.00	Always Express Transportation	0.179	0.011	0.001	APCO	Alameda
20MOY49	Marine	Engine replacement	1	\$ 148,000.00	F/V Rose Marie Inc.	0.597	-0.011	0.024	12/19/2018	San Francisco
20MOY94	Marine	Engine replacement	1	\$ 44,000.00	Jeffrey A Sylva (Commercial fishing)	0.116	0.001	0.004	APCO	Santa Clara
20MOY41	Ag/ off-road	Equipment replacement	1	\$ 29,500.00	Kehoe Dairy, Inc	0.049	0.002	0.003	APCO	Marin
20MOY66	Ag/ off-road	Equipment replacement	3	\$ 188,700.00	Pina Vineyard Management , LLC.	0.160	0.037	0.028	12/19/2018	Napa
20MOY64	On-road	Equipment replacement	1	\$ 60,000.00	Basra Trucking	1.570	0.239	0.083	APCO	Santa Clara

## 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		
20SBP08	School bus	Equipment replacement	3	\$ 1,143,464.00	Antioch Unified School District	0.298	0.023	0.011	12/19/2018	Contra Costa
20MOY76	Ag/ off-road	Equipment replacement	4	\$ 169,400.00	FN Viticulture, LLC	0.514	0.057	0.048	12/19/2018	Napa
20MOY97	On-road	Equipment replacement	1	\$ 40,000.00	Gosal Trucking	0.835	0.138	0.047	APCO	Contra Costa
20MOY43	Marine	Engine replacement	2	\$ 458,000.00	Michael Peery (Commercial fishing)	1.409	0.009	0.059	12/19/2018	Solano
20MOY100	Ag/ off-road	Equipment replacement	3	\$ 136,520.00	Grand Crew Vineyard Management	0.211	0.077	0.033	12/19/2018	Napa
20MOY96	On-road	Equipment replacement	1	\$ 60,000.00	Reliable Express Transportation Inc.	0.586	0.043	0.003	APCO	Alameda
20MOY67	Marine	Engine replacement	4	\$ 1,613,500.00	Harley Marine Services, Inc. Vessel: Z-Three	4.801	-0.135	0.380	12/19/2018	Alameda
20MOY68	Marine	Engine replacement	4	\$ 1,613,500.00	Harley Marine Services, Inc. Vessel: Z-Four	4.801	-0.135	0.380	12/19/2018	Alameda
20MOY69	Marine	Engine replacement	4	\$ 1,613,500.00	Harley Marine Services, Inc. Vessel: Z-Five	4.801	-0.135	0.380	12/19/2018	Alameda
20MOY110	Off-road	Equipment replacement	3	\$ 928,500.00	Steven's Creek Quarry, Inc.	5.136	0.232	0.138	12/19/2018	Santa Clara
20MOY117	On-road	Hydrogen fueling infrastructure	1	\$ 1,750,000.00	Alameda-Contra Costa Transit District	0.718	0.011	0.004	12/19/2018	Alameda
20SBP1	School bus	Equipment replacement	2	\$ 320,000.00	Pittsburg Unified School District	0.199	0.164	0.001	12/19/2018	Contra Costa
20MOY95	Ag/ off-road	Equipment replacement	1	\$ 159,600.00	Stan Poncia dba Terrilinda Dairy	0.893	0.116	0.066	12/19/2018	Sonoma
20MOY99	Ag/ off-road	Equipment replacement	2	\$ 121,800.00	T and M Agricultural Services, LLC	0.359	0.047	0.032	12/19/2018	Napa
20SBP72	School bus	Equipment replacement	6	\$ 1,246,785.00	Milpitas Unified School District	0.318	0.019	0.007	12/19/2018	Santa Clara
20SBP73	School bus	Equipment replacement	8	\$ 1,659,507.00	Berkeley Unified School District	0.617	0.045	0.132	12/19/2018	Alameda
20MOY119	On-road	Equipment replacement	1	\$ 40,000.00	Francisco Aguilar dba Salazar Trucking	1.113	0.183	0.000	APCO	Contra Costa
20MOY15	On-road	Equipment replacement	1	\$ 10,500.00	RCS Enterprises Inc	0.172	0.019	0.009	APCO	Santa Clara

## 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		
20MOY120	On-road	Equipment replacement	1	\$ 40,000.00	Goga Trucking	1.066	0.175	0.000	APCO	Alameda
20MOY74	Ag/ off-road	Equipment replacement	1	\$ 57,766.00	Garvey Vineyard Management LLC	0.156	0.009	0.009	APCO	Napa
20MOY107	Marine	Equipment replacement	1	\$ 109,000.00	Argo Sportfishing	1.031	0.016	0.036	TBD	San Francisco
20MOY132	Off-road	Equipment replacement	1	\$ 540,000.00	County Quarry Products, LLC	2.412	0.112	0.066	TBD	Contra Costa
20MOY53	On-road	Equipment replacement	1	\$ 20,000.00	Pars Trucking	0.644	0.097	0.005	APCO	Solano
20MOY111	On-road	Equipment replacement	1	\$ 40,000.00	Jasvir Dosanjh	0.432	0.037	0.000	APCO	Placer
20MOY85	On-road	Equipment replacement	1	\$ 40,000.00	Gurchetan Johal	0.403	0.034	0.003	APCO	Placer
20MOY81	On-road	Equipment replacement	1	\$ 35,000.00	Bevin Thomas	0.366	0.031	0.002	APCO	Sacramento
20MOY92	On-road	Equipment replacement	1	\$ 50,000.00	Sukhvir Singh Tatlah	0.506	0.037	0.003	APCO	Alameda
20MOY87	On-road	Equipment replacement	1	\$ 30,000.00	Rajanpal Singh	0.329	0.028	0.002	APCO	Placer
20MOY108	On-road	Equipment replacement	1	\$ 40,000.00	Sukhdev Singh Johal	0.402	0.034	0.003	APCO	Sacramento
20MOY135	Ag/ off-road	Equipment replacement	1	\$ 29,208.00	Perry Kozlowski Ranch	0.117	0.015	0.010	APCO	Sonoma
20MOY134	Off-road	Engine replacement	8	\$ 1,901,000.00	DeSilva Gates Construction	6.636	0.358	0.190	TBD	Alameda
20MOY141	Off-road	Engine replacement	1	\$ 111,000.00	Concord Iron Works, Inc.	0.308	0.034	0.021	TBD	Contra Costa
20MOY126	Ag/ off-road	Engine replacement	1	\$ 134,000.00	Kabeela, Inc.	0.229	0.024	0.014	TBD	Santa Clara
20MOY144	Ag/ off-road	Engine replacement	1	\$ 65,348.00	JPW Development Co., LLC	0.134	0.020	0.012	APCO	Solano
20MOY149	Locomotive	Locomotive replacement	1	\$ 1,400,000.00	Napa Valley Wine Train, Inc.	4.855	0.159	0.110	TBD	Napa
20SBP140	School bus	Equipment replacement	5	\$ 751,061.00	Sunnyvale School District	0.235	0.013	0.005	TBD	Santa Clara
<b>69 Projects</b>			<b>181</b>	<b>\$ 29,199,356.00</b>		<b>66.439</b>	<b>3.854</b>	<b>2.849</b>		

## AGENDA 4 - ATTACHMENT 3

*Summary of all TFCFA approved and eligible projects (evaluated between 7/1/18 and 1/3/19)*

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board/APCO Approval Date	CAR E Area	County
					NO <sub>x</sub>	ROG	PM			
18EV029	LD Infrastructure	Install and operate 16 single-port Level 2 (high) charging stations at 1 workplace facility in Los Altos Hills	\$48,000	Creative Center of Los Altos	0.026	0.034	0.001	10/30/18	No	Santa Clara
18EV035	LD Infrastructure	Install and operate 2 dual-port Level 2 (high) charging stations at 1 destination facility in Greenbrae	\$8,000	Marin Rowing Association	0.004	0.006	0.000	7/31/18	No	Marin
18EV038	LD Infrastructure	Install and operate 1 single port Level 2 (high) and 1 25KW DC Fast charging stations with a 11,650 W solar array at 1 transportation corridor facility in Petaluma	\$25,900	Solar Action Network	0.01	0.01	0.00	11/30/18	No	Sonoma
18EV047	LD Infrastructure	Install and operate 4 single port Level 2 (high) charging stations at 1 destination facility in San Mateo	\$12,000	Nazareth Plaza Owners' Association	0.007	0.009	0.000	7/30/18	No	San Mateo
18EV049	LD Infrastructure	Install and operate 12 single-port Level 2 (high) charging stations at 6 destination facilities in San Mateo, Burlingame, San Bruno, and Millbrae	\$36,000	San Mateo Union High School District	0.020	0.025	0.000	7/5/18	No	San Mateo
18EV056	LD Infrastructure	Install and operate 3 dual-port Level 2 (high) charging stations at 3 destination facilities in Richmond and El Cerrito	\$12,000	West Contra Costa Unified School District	0.007	0.009	0.000	7/5/18	Yes	Contra Costa
18R14	Bicycle Facilities	Install + maintain 3.62 miles of Class III bikeways in Petaluma	\$48,500	City of Petaluma	0.007	0.009	0.014	8/6/18	No	Sonoma
18R18	Bicycle Facilities	Install 0.09 miles of Class I and 0.28 miles of Class IV bikeways in Los Gatos	\$242,000	Town of Los Gatos	0.029	0.056	0.039	8/1/18	No	Santa Clara
18R20	Bicycle Facilities	Install and maintain 1.57 miles of Class II bikeways and 23 bike racks (2 bikes per rack)	\$38,000	City of Gilroy	0.008	0.010	0.013	8/22/18	No	Santa Clara
18R21	Bicycle Facilities	Install 40 electronic bicycle lockers in Danville	\$96,000	Town of Danville	0.014	0.018	0.026	8/7/18	No	Contra Costa
18R22	Bicycle Facilities	Install 16 electronic bicycle lockers in San Francisco	\$32,000	San Francisco Community College District	0.004	0.006	0.007	8/22/18	No	San Francisco
19R01	Trip Reduction	Enhanced Mobile Source & Commuter Benefits Enforcement	\$554,842	BAAQMD	0.722	0.806	1.171	NA	No	Regional
19R02	LD Vehicles	Vehicle Buy Back Program	\$150,000	BAAQMD	NA	NA	NA	NA	No	Regional
19R03	Trip Reduction	Spare The Air/Intermittent Control Programs	\$2,305,927	BAAQMD	42.952	50.253	67.862	NA	No	Regional
19R10	Trip Reduction	Pleasanton Connector Shuttles	\$80,000	San Joaquin Regional Rail Commission	0.234	0.387	0.647	10/18/18	Yes	Alameda
19R13	Trip Reduction	Juvenile Justice Center/ Fairmont Hospital Shuttle	\$29,700	County of Alameda	0.011	0.040	0.058	10/18/18	Yes	Alameda
19R14	Trip Reduction	PresidiGO Downtown Shuttle	\$100,000	Presidio Trust	0.252	0.352	0.471	11/7/2018	Yes	San Francisco
19R15	Trip Reduction	Caltrain Shuttle Program	\$652,600	Peninsula Corridor Joint Powers Board	2.64	3.66	5.14	11/7/2018	No	San Mateo/Santa Clara
19R16	Trip Reduction	ACE Shuttle Bus Program	\$960,000	Santa Clara Valley Transportation Authority	2.43	2.60	4.29	11/7/2018	Yes	Santa Clara
19R18	Trip Reduction	SJSU Ridesharing & Trip Reduction	\$139,500	Associated Students, San Jose State University	0.231	0.266	0.366	11/7/2018	No	Regional
19RFG04*	Off-road (non-ag)	Purchase 5 electric forklifts, 1 electric vacuum unit, and 1 electric terminal truck	\$221,000	Wyse Logistics	0.107	0.015	0.008	10/17/18	Yes	Alameda
19RFG06*	LD Infrastructure	Install 45 dual port level 2 EV charging stations	\$279,000	Hayward Unified School District	0.014	0.003	0.001	10/17/18	Yes	Alameda
19RFG09*	LD Vehicles	Deploy 48 EVs in carsharing service	\$439,000	Envoy Technologies	0.027	0.005	0.002	10/17/18	Yes	Alameda / Contra Costa
<b>23 Projects*</b>			<b>\$6,509,969</b>		<b>49.755</b>	<b>58.581</b>	<b>80.117</b>			

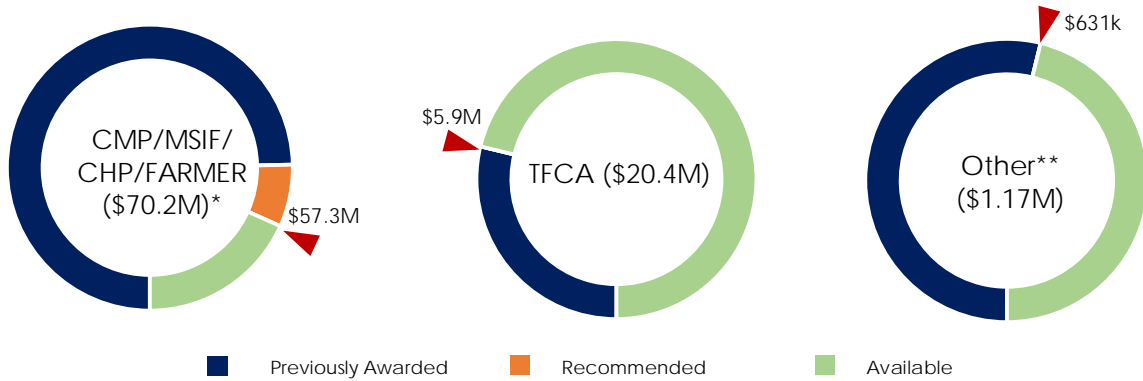
\* The award amounts for these projects include a total of \$631,000 of RFG funds

# AGENDA 4 - ATTACHMENT 4

Summary of funding awarded between 7/1/18 and 1/3/19

- 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 funding by source



\* Includes awards from FYE 2018

\*\* Other includes RFG

Figure 2. Funding awarded by county

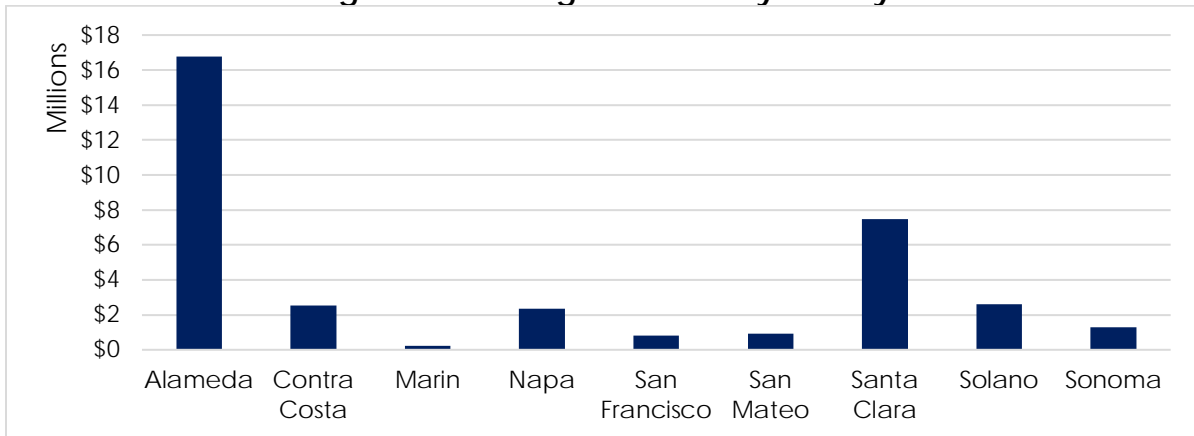


Figure 3. Funding awarded by project category

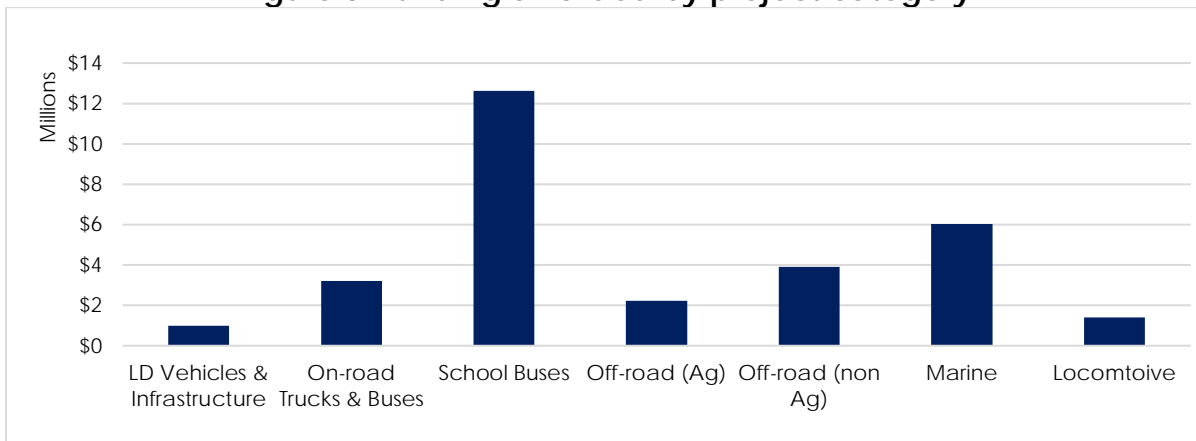


Figure 4. CMP/MSIF/CHP/FARMER funding awarded since 2009 by county

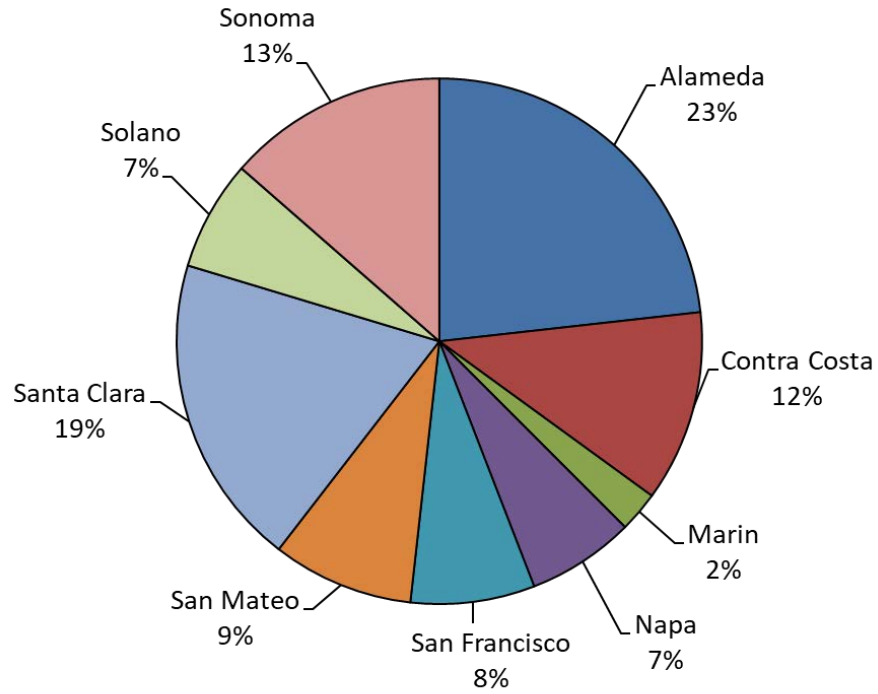
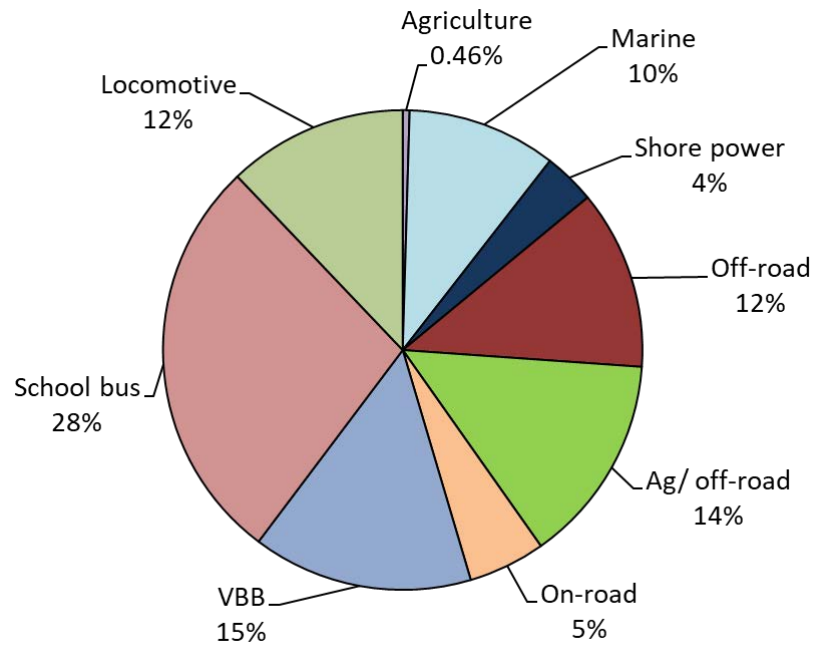


Figure 5. CMP/MSIF/CHP/FARMER funding awarded since 2009 by category



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Scott Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: January 11, 2019

Re: Participation in Year 21 of the Carl Moyer Program and Approval of the 2019 Caltrain  
Funding Plan

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**RECOMMENDED ACTION**

Recommend Board of Directors:

1. Adopt a resolution authorizing the Executive Officer/APCO to execute all necessary agreements with the California Air Resources Board (ARB) relating to the Air District's receipt of Carl Moyer Program (CMP) funds for Fiscal Year 2018-2019 (Program Year 21);
2. Allocate \$3 million in Mobile Source Incentive Funding (MSIF) to provide the required match funding and additional monies for projects eligible for funding under the CMP guidelines;
3. Authorize the Executive Officer/APCO to execute Grant Agreements and amendments for projects funded with CMP and MSIF, with individual grant award amounts up to \$100,000; and
4. Approve \$1 million in 2019 MSIF Monies for the proposed 2019 funding plan for the Caltrain Electrification project.

**BACKGROUND**

The Bay Area Air Quality Management District (Air District) has participated in the CMP since the program began in Fiscal Year (FY) 1998-1999. Through the CMP the Air District 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 trucks and buses, mobile off-road equipment, marine vessels, locomotives, stationary agricultural pump engines, and forklifts.



Assembly Bill (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 surcharge are deposited in the Air District's MSIF. AB 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the CMP.

## DISCUSSION

In December 2018, the Air District submitted an application to ARB requesting \$12,800,000 for the implementation of the CMP Year 21 CMP funding cycle (FY 2018-2019). Up to 6.25% of the total funds awarded to the Air District will be used to pay for administrative expenses related to the implementation of the CMP. As part of the application, the Air District has proposed a commitment of up to \$2,000,000 in matching funds for Year 21. Staff is therefore requesting the Air District's Board of Directors (Board) meet this required match and expand the program for additional eligible emissions reductions projects by allocating \$3 million in MSIF funds for the CMP Year 21 funding cycle.

Staff plans to begin accepting CMP Year 21 applications in mid-2019 and to evaluate applications on a first-come, first-served basis until all funds have been allocated. Staff is requesting a continuation of the Board's direction to grant the Executive Officer/APCO authorization to execute contracts and amendments for projects with individual grant awards up to \$100,000. Awards for projects seeking grant award amounts over \$100,000 will continue to be brought to the Mobile Source Committee on at least a quarterly basis.

The Air District will use the 2017 ARB CMP Guidelines, and subsequent updates for the Year 21 CMP cycle. Year 21 funding will be obligated to eligible projects by June 30, 2020 and expended by June 30, 2021. In accordance with AB 1390, 50% of all CMP funding allocated by the Air District must be awarded to projects in impacted communities. The process that will be used for identifying and prioritizing CMP Year 21 projects with the most significant exposure will be similar to the process used for the previous CMP funding cycles with priority given to projects that reduce emissions in communities based on data from the Air District's Community Air Risk Evaluation (CARE) program.

### **Caltrain Electrification Project**

On July 29, 2015, the Air District's Board authorized for \$20 million to be allocated in MSIF funds to the Peninsula Corridor Joint Powers Board for the Caltrain Electrification Project and authorized the Executive Officer/APCO to enter into the necessary agreements for the project. As part of the approval for this project the Board requested a multi-year funding plan be prepared and brought to the Board annually for approval. On January 7, 2016, the Air District entered into agreement with the Peninsula Corridor Joint Powers Board for the Caltrain Electrification project. On March 16, 2016 the Air District's Board of Directors approved the initial funding plan that committed \$13 million in MSIF funds. The 2017 and 2018 funding plans each added \$3 million in MSIF revenues for this project. Staff is currently proposing a 2019 funding plan that includes the final \$1 million in new 2019 MSIF revenues to fulfill this project's \$20 million allocation.

BUDGET CONSIDERATION / FINANCIAL IMPACT

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

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Anthony Fournier  
Reviewed by: Karen Schkolnick and Damian Breen

Attachment 1: Draft Resolution to Participate in Year 21 of the Carl Moyer Program

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

**RESOLUTION No. 2019 -**

**A Resolution Accepting Carl Moyer Program Funds  
From the California Air Resources Board**

WHEREAS, California Health and Safety Code Division 26, Part 5, Chapter 9, empowers the California Air Resources Board (ARB) to allocate Carl Moyer Program funds to local air quality districts to provide financial incentives to both the public and private sectors to implement eligible projects to reduce emissions from on-road, marine, locomotive, agricultural, and off-road engines;

WHEREAS, California Health and Safety Code section 44287, authorizes ARB to provide an air district with funds if that district provides matching funds in an amount established by ARB;

WHEREAS, the Bay Area Air Quality Management District (District) submitted an application to ARB requesting \$12,800,000 in Carl Moyer Program funds to implement the Carl Moyer Program within the District for the fiscal year (FY) 2018-2019 (Year 21) cycle;

WHEREAS, the District proposed to commit up to \$2,000,000 in matching funds as part of the Year 21 Carl Moyer Program cycle, in accordance with the requirements of California Health and Safety Code section 44287;

WHEREAS, ARB will authorize a grant to the District to implement the Carl Moyer Program Year 21, upon approval by the Board of Directors to accept such grant of funds;

WHEREAS, ARB will award a grant in the amount of as much as \$12,800,000, with the District-required match of up to \$2,000,000;

WHEREAS, the District may consider projects that qualify for grant funds under the requirements for the State Reserve portion of Carl Moyer Program funds.

NOW, THEREFORE, BE IT RESOLVED, the Board of Directors hereby approves the District's continued participation in the Carl Moyer Program, including the State Reserve portion thereof, and acceptance of the FY 2018-2019 Carl Moyer Program funds, to be awarded to eligible District projects in accordance with the ARB Carl Moyer Program guidelines.

BE IT FURTHER RESOLVED, the District will provide the required matching funds for District projects by allocating local motor vehicle surcharge revenues to eligible emission reduction projects that qualify for Carl Moyer Program matching purposes.

BE IT FURTHER RESOLVED, the Executive Officer/Air Pollution Control Officer is hereby authorized and empowered to execute on behalf of the District grant agreements with ARB and all other necessary documents to implement and carry out the purposes of this resolution.

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 \_\_\_\_\_, 2019, by the following vote of the Board:

AYES:

NOES:

ABSENT:

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Katie Rice  
Chairperson of the Board of Directors

ATTEST:

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Cindy Chavez  
Secretary of the Board of Directors

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Scott Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: January 11, 2019

Re: Air District Grant Programs Overview

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**RECOMMENDED ACTION**

None; receive and file.

**BACKGROUND**

The Bay Area Air Quality Management District (Air District) aims to create a healthy breathing environment for every Bay Area resident while protecting and improving public health, air quality, and the global climate. In the Bay Area, mobile sources account for 53% of Reactive Organic Gases (ROG), Nitrogen Oxides (NO<sub>x</sub>), and Particular Matter (PM) emissions, and 41% of the Greenhouse Gases (GHG) generated<sup>1</sup>. For this reason, reducing emissions from the mobile source sector is essential to helping the Bay Area attain State and Federal ambient air quality standards and meet the Air District's GHG reduction goals.

As part of its efforts to reduce emissions from mobile sources, the Air District administers grant and incentive programs that offer funding to public agencies, private companies, and Bay Area residents to help offset a portion of the cost to implement eligible emissions reduction projects. In calendar year 2018, the Air District awarded more than \$96 million in funding to eligible projects from funding sources, such as the Transportation Fund for Clean Air (TFCA), Mobile Source Incentive Fund, Community Health Protection Grant Program, Carl Moyer Program, and the California Goods Movement Bond. These programs accumulate annually via fees, bond sales and Cap-and-Trade auction proceeds that are distributed to the Air District. In addition to these sources, staff also worked to secure new sources of funding (e.g., settlements and competitive solicitations sponsored by the Air Resources Board) to further reduce emissions in the region.

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<sup>1</sup> BAAQMD 2017 Clean Air Plan, Emissions Inventory for year 2015. Mobile Sources include: Passenger Cars, Light-, Medium-, Light-Heavy-, Medium-Heavy-, Heavy-Heavy-Duty Trucks, School/Urban Buses, Motor-Homes, Motorcycles, Lawn & Garden Equipment, Transportation Refrigeration Units, Agricultural Equipment, Construction and Mining Equipment, Industrial Equipment, Light Duty Commercial Equipment, Trains, Off-Road Recreational Vehicles, Ships, Commercial Harbor Craft, Recreational Boats, and Airport Ground Support Equipment.

## DISCUSSION

Of the \$96 million awarded in 2018, approximately \$5 million was derived from the Air District's general fund and approximately \$91 million came from state, federal, and other local sources. The presentation to the Committee will include a discussion of the total incentive funds awarded in calendar year 2018 by funding source, project/equipment category, and county; a summary of the total estimated emissions reduced during this period; and historical information showing the amount of funds awarded by the Air District over the past five years. Staff will also discuss with the Committee the projected funding for each of the Air District's primary grant programs and program priorities for calendar year 2019.

## BUDGET CONSIDERATION / FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Sean Newlin, Chengfeng Wang and Anthony Fournier  
Reviewed by: Karen Schkolnick