



BAY AREA  
AIR QUALITY  
MANAGEMENT

DISTRICT

BOARD OF DIRECTORS  
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

SCOTT HAGGERTY - CHAIR  
JENNIFER HOSTERMAN  
CAROL KLATT  
JOHANNA PARTIN  
BRAD WAGENKNECHT

CAROLE GROOM – VICE CHAIR  
DAVE HUDSON  
NATE MILEY  
MARK ROSS

MONDAY  
MAY 2, 2011  
9:30 A.M.

4<sup>TH</sup> FLOOR CONFERENCE ROOM  
939 ELLIS STREET  
SAN FRANCISCO, CA 94109

AGENDA

1. **CALL TO ORDER - ROLL CALL**

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, 939 Ellis 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.*

3. **APPROVAL OF MINUTES OF MARCH 24, 2011**

4. **CONSIDERATION OF PROJECTS WITH PROPOSED GRANT AWARDS OVER \$100,000**

D. Breen/5041

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

*The Committee will consider recommending Board of Directors' approval of Carl Moyer and TFCA Regional Fund 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. **CONSIDERATION OF APPROXIMATELY \$20 MILLION IN CALIFORNIA GOODS MOVEMENT BOND (I-BOND) FUNDING FOR BAY AREA PORTS**

D. Breen/5041

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

*The Committee will consider recommending Board of Directors approval of approximately \$20 million in shore-power projects for Bay Area ports and authorization for the Executive Officer/APCO to execute Grant Agreements for the recommended projects.*

6. **CONSIDERATION OF AIR DISTRICT PARTICIPATION IN LAWN AND GARDEN EQUIPMENT REPLACEMENT PROJECT AND ALLOCATION OF \$182,025 IN MATCHING FUNDS**

D. Breen/5041

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

*The Committee will consider recommending Board of Directors acceptance of \$182,025 in Assembly Bill 118 funding for a lawnmower replacement program, allocation of Mobile Source Incentive Fund monies for use as matching funds and authorization for the Executive Officer/APCO to enter into grant agreements for the available funding.*

7. **CONSIDERATION OF TRANSPORTATION FUND FOR CLEAN AIR (TFCA) COUNTY PROGRAM MANAGER EXPENDITURE PLANS FOR FYE 2012, AND ALLOCATION OF FYE 2008 TFCA FUNDS TO THE NAPA COUNTY PROGRAM MANAGER**

D. Breen/5041

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

*The Committee will consider recommending Board of Directors approval of the Transportation Fund for Clean Air (TFCA) County Program Manager Expenditure Plans for FYE 2012, and allocation of FYE 2008 TFCA Funds to the Napa County Program Manager.*

8. **COMMITTEE MEMBER COMMENTS/OTHER BUSINESS**

*Any member of the Committee, 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**

9:30 A.M., Thursday, May 26, 2011; 939 Ellis Street, San Francisco, CA 94109

10. **ADJOURNMENT**

**CONTACT EXECUTIVE OFFICE - 939 ELLIS STREET  
SAN FRANCISCO, CA 94109**

**(415) 749-5130**

**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.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- To request special accommodations for those persons with disabilities notification to the Executive Office should be given at least three working days prior to the date of the meeting so that arrangements can be made accordingly.
- 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 939 Ellis Street, San Francisco, CA 94109, at the time such writing is made available to all, or a majority of all, members of that body. Such writing(s) may also be posted on the District's website ([www.baaqmd.gov](http://www.baaqmd.gov)) at that time.

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109**  
**(415) 771-6000**

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

**APRIL 2011**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(At the Call of the Chair)</i>	Thursday	28	10:00 a.m.	4 <sup>th</sup> Floor Conf. Room

**MAY 2011**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Mobile Source Committee</b> <i>(Meets 4<sup>th</sup> Thursday each Month)</i>	Monday	2	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	4	9:45 a.m.	Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(At the Call of the Chair)</i>	Thursday	5	9:30 a.m.	Board Room
<b>Board of Directors Legislative Committee</b> <i>(At the Call of the Chair)</i>	Monday	9	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Advisory Council Meeting</b>	Wednesday	11	9:00 a.m.	Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(At the Call of the Chair)</i>	Monday	16	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	18	9:45 a.m.	Board Room
<b>Board of Directors Budget Hearing</b> <i>(At the Call of the Chair)</i>	Wednesday	18	Immediately following Board Meeting	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(At the Call of the Chair)</i>	Wednesday	25	1:00 p.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets 4<sup>th</sup> Thursday each Month)</i>	Thursday	26	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

## JUNE 2011

<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 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	1	9:45 a.m.	Board Room
<b>Advisory Council Meeting</b>	Wednesday	8	9:00 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	15	9:45 a.m.	Board Room
<b>Board of Directors Budget Hearing</b> <i>(At the Call of the Chair)</i>	Wednesday	15	Immediately following Board Meeting	Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets 4<sup>th</sup> Thursday each Month)</i>	Thursday	23	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

## JULY 2011

<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 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	6	9:45 a.m.	Board Room
<b>Board of Directors Stationary Source Committee</b> <i>(At the Call of the Chair)</i>	Thursday	7	9:30 a.m.	Board Room
<b>Advisory Council Meeting</b>	Wednesday	13	9:00 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets 4<sup>th</sup> Thursday each Month)</i>	Thursday	28	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

HL – 4/25/11 (4:50 p.m.)  
P/Library/Forms/Calendar/Calendar/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 19, 2011

Re: Mobile Source Committee Draft Meeting Minutes

RECOMMENDED ACTION:

Approve attached draft minutes of the Mobile Source Committee meeting of March 24, 2011.

DISCUSSION

Attached for your review and approval are the draft minutes of the March 24, 2011 Mobile Source Committee meeting.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Lisa Harper  
Reviewed by: Rex Sanders

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109  
(415) 749-5000

**DRAFT MINUTES**

Summary of Board of Directors  
Mobile Source Committee Meeting  
Thursday, March 24, 2011  
9:30 a.m.

**CALL TO ORDER:**

Board Chairperson Tom Bates called the meeting to order at 9:30 a.m. on behalf of Chairperson Haggerty, without an initial quorum.

Roll Call: Present: Chairperson Scott Haggerty; Directors Dave Hudson, Carol Klatt, Nate Miley and Mark Ross

Absent: Vice Chairperson Carole Groom, and Directors Jennifer Hosterman, Brad Wagenknecht and Shirlee Zane

Also Present: Board Chairperson Tom Bates

**Public Comments:** There were no public comments

Due to the lack of an initial quorum, Chairperson Bates initially led the meeting, and re-ordered agenda items.

**Vehicle Buyback Program Annual Report**

David Wiley, Principal Environmental Planner gave the staff presentation, stating the Vehicle Buyback Program began in 1996 and was suspended as planned on December 31, 2010. The program retired older vehicles not having modern pollution control devices. The program conformed to State regulations and Carl Moyer guidelines, and funding came from the Mobile Source Incentive Fund (MSIF), Carl Moyer Program funds (CMP) and Transportation Fund for Clean Air (TFCA).

In August, the State Bureau of Automotive Repair (BAR) expanded its retirement program to overlap with the vehicles the Air District was purchasing through this program. Staff will monitor BAR program operations.

Mr. Wiley presented emission reductions from the program, noting the outstanding cost effectiveness at \$9,976 per weighted ton of emissions reduced. He reported that 5,862 eligible vehicles were scrapped and \$7,073,675 expended with the use of two dismantlers and one direct mail contractor during 2010.

Cumulatively, the program has retired over 55,000 vehicles and reduced over 4,600 tons of ROG, over 2,500 tons of NOx, and over 32 tons of PM. The recommended action is for the Committee to receive and file the 2010 Vehicle Buyback Program Annual Report.

Committee Comments/Questions:

Chairperson Bates confirmed with Mr. Wiley that since the Air District program's suspension, those requesting information on retiring smoking vehicles are referred to the BAR program. State finances are changing and there is a possibility that the Air District's program could return should BAR's funding fall through. The Bay Area's program has been extremely cost effective and the most successful in the State.

Director Hudson questioned and confirmed with Director of Strategic Incentives, Damian Breen, that AB 118 provides funding to the California Energy Commission (CEC) to develop alternative fuel sources, to BAR to process retirements, and to the California Air Resources Board (CARB) to conduct air pollution mitigation and greenhouse gas (GHG) emissions reduction work.

Public Comments: None

**Committee Action:** Informational item; receive and file.

**Noted Present**

A quorum was established at 9:51 a.m. with the arrival of Chairperson Haggerty and Director Miley.

**Approval of Minutes of January 27, 2011:**

**Committee Action:** Director Hudson made a motion to approve the minutes of January 27, 2011; Director Ross seconded the motion; carried unanimously without objection.

Jean Roggenkamp, Deputy APCO introduced new Executive Office employees Kris Krow, Clerk of the Boards, and Maricela Calvo, Executive Secretary.

**Consideration of Projects with Proposed Grant Awards over \$100,000**

Judy Williams, Administrative Analyst, gave the staff presentation, beginning with an overview of the Carl Moyer Program and Mobile Source Incentive Fund Program:

- **Carl Moyer Program (CMP)**
  - Created in 1998 to reduce emissions from heavy-duty engines
  - Voluntary program that funds surplus emission reductions
- **Mobile Source Incentive Fund (MSIF)**
  - AB 923 allowed for additional \$2 motor vehicle registration fee surcharge (12/04)
  - CMP projects eligible for MSIF funding

Ms. Williams reported that on March 17, 2011, the Board of Directors approved participation in CMP Year 12, and authorized the Executive Officer/APCO to execute contracts and amendments with grant awards up to \$100,000. Today's recommendations over \$100,000 include 10 projects to replace 15 pieces of off-road equipment and 8 marine engines, with \$1,569,074 in total awards and over 15.2 tons per year of criteria pollutant emissions reductions.

Ms. Williams presented a chart of total Year 12 CMP, MSIF and Vehicle Incentive Program (VIP) funds awarded as of March 8, 2011 by county and percentages and as identified in Attachments 1 and 2 of the staff report. Staff recommends that the Committee recommend Board of Directors approval of the Year 12 Carl Moyer Program projects with proposed grant awards greater than \$100,000 (evaluated between 10/14/10 and 11/1/10); and authorize the

Executive Officer/APCO to enter into agreements for the recommended Carl Moyer Program projects.

Committee Comments/Questions:

Director Haggerty requested further outreach to the Livermore agricultural region, citing Napa and Sonoma percentages of 11% and 31% respectively. He suggested meeting with the Farm Bureaus, Dairy Association and Wine Growers Association in the Livermore Valley. Mr. Breen noted that staff has made contact with them and will again.

Director Hudson questioned and confirmed the criteria used in the application process.

Director Ross cited truck replacements identified in Ventura and Merced Counties, and Mr. Breen clarified that the majority of their travel is within the Air District which is verified on an annual basis.

Public Comments: None

**Committee Action:** Director Hudson made a motion to approve Carl Moyer Program projects with proposed grant awards over \$100,000; and authorize the Executive Officer to enter into agreements for the recommended Carl Moyer Program projects; Director Miley seconded the motion; unanimously approved without objection.

**Status of Funding in Air District Grant Program**

Mr. Damian Breen gave the staff presentation, stating that during calendar year 2010, the Air District allocated \$92 million to reduce emissions from mobile sources, as follows:

- \$10 million to TFCA County Program Managers
- \$4.4 million in settlement funding from ConocoPhillips
- \$7 million in Port of Oakland and American Resource and Recovery Act (ARRA) funding
- \$71 million from Air District's primary grant programs

He reviewed the 2010 allocations of \$71 million and described the breakdown in funding allocations for each:

- \$37.2 million in I-Bond funding (School Bus Retrofits, Port Trucks, On-road Trucks and Shore-Power projects);
- \$14.6 million in TFCA Regional Fund (Spare the Air, Smoking Vehicle, Shuttles, Electric Vehicles, Bicycle Sharing, Advanced Technology, Alternative Fuels, and Bicycle Program). Mr. Breen noted that bicycle sharing programs will be returning for allocation in June/July timeframe.
- \$10.4 million in MSIF (School Bus Replacement, Bay Area Ports, Vehicle Buyback);
- \$8.8 million in Carl Moyer Program (Agricultural Pumps, Marine, On-road and Off-road). \$2 million is pending and allocations for the remainder of funds will be addressed at the next meeting. Mr. Breen pointed out that a large portion of funding went to agricultural equipment in the last funding cycle. While this is positive, there is a requirement to allocate 50% of the money to highly impacted communities under AB 1390.

Mr. Breen reviewed emissions reductions for these programs, stating that they had reduced:

- Particulate Matter (PM) – 79 tons per year

- Nitrogen Oxides (NOx) – 469 tons per year
- Reactive Organic Gases (ROG) – 107 tons per year
- Greenhouse Gases – 153,913 tons per year (NOTE: not all programs report GHG reductions)

Mr. Breen then presented the 2010 allocations by county, noting that 50% of the funding has gone to Alameda County primarily because of Port trucks. He pointed out that this funding actually helps the entire region.

Regarding 2011 projections, \$63 million is available to allocate; \$31.2 million is being advertised for shore-power programs and on-road truck emissions reductions, \$10,450,000 is for MSIF, \$13.5 million in TFCA, and \$8.6 million for CMP.

Mr. Breen presented and briefly discussed upcoming opportunities and challenges as follows:

#### **I-Bond**

- Shore-power at the Port of Oakland (\$20 million)
- On-road Trucks (\$8 million)
- Availability of Bond funding for next cycle (\$30 million)
- No funding available for School Bus retrofits after 2011

#### **Carl Moyer**

- Meeting 50% environmental justice community requirements, emphasis needed on:
  - On-road Trucks
  - Off-road Construction Equipment
  - Marine
- Continued focus on Agricultural Off-road Equipment

#### Committee Comments/Questions:

Director Haggerty questioned the Ports America's eligibility for shore power funding and the timelines for retrofit projects and asked that staff concentrate funding for the Port of Oakland when staff returns in April with its allocations.

Chairperson Bates confirmed with staff that by 2014, 50% of vessels at the Port of Oakland, Ports America and cruise line ships need to be plugged in and discussed difficulties in staying on schedule which could result in both loss of funding and regulatory action.

Mr. Breen addressed fall bond sales and noted \$13 million could be at risk; money which would greatly address the on-road need in the Bay Area. If this does not come through, the Air District will look at funding from the Port. He also said there will be no retrofit funding for school buses after this year when money is expended; however, there is a bill in the legislature to use MSIF funds for bus retrofits, as 100% of buses must have diesel particulate filters by 2014. He discussed upcoming challenges:

#### **MSIF**

- School bus replacement program (\$5 million currently)
- Carl Moyer eligible projects (\$5 million currently)
- Agricultural Pumps

Directors briefly discussed backup generators which are considered stationary sources, for which funds cannot be used. Director Ross suggested looking at legislation to address backup generators in the future.

### **TFCA Regional Fund**

- Spare the Air: CMAQ funding drops from \$1 million to \$300,000 in FYE 2012
- Smoking Vehicle Program
- Shuttles
- Electric Vehicles and Clean Fleets for Cities and Counties

Mr. Breen noted that a \$1 million commitment was made to the Spare the Air program last year from Congestion Mitigation Air Quality (CMAQ) dollars which he said will be drastically reduced this year to \$300,000. Shuttles will continue to be an issue given transit agency budgets. There is a continuing commitment to electric vehicles and clean fleets for cities and counties, and the Air District may consider a special program for them next year after weighing other commitments, given average vehicle miles traveled.

Director Haggerty commented that he believes the amounts traveled by cities and counties might be wrong, and questioned and confirmed that a joint report prepared by the Joint Policy Committee recommends not making expenditures this year, to which he did not agree and asked to move forward.

Chairperson Bates discussed the allocation of \$5 million for charging infrastructure which is moving forward, and discussed Zip cars and various electric and hybrid vehicles.

Directors requested staff move ahead electric vehicles and clean fleets for cities and counties and that staff return with options at the next meeting. Interest was also voiced for the bicycle sharing program at busier BART stations.

### Next Steps:

- Allocation of TFCA Alternative Fuel and Advanced Technology Demonstration Funds (recommend multiyear funding)
- Focus on on-road truck outreach for Carl Moyer and I-Bond programs
- Focus on school bus outreach for I-Bond and MSIF
- Needs assessment for Spare the Air and Smoking Vehicle programs

Mr. Breen concluded, stating next year staff will return with another roadmap for 2012, identify funding, and recommendations on how to prioritize projects.

Director Haggerty confirmed with the Committee its desire to expand the bicycle program; fund the shuttle program to make connections between BART, business parks and ACE trains; ramp up shore power because it will give the region an economic boom; address the agricultural issue because of its dirtiness; fund electric vehicles, and possibly more bus replacements due to potential cuts.

Chairperson Bates added the importance of the grant programs making a difference in reducing emissions, and he voiced concern in addressing the 2014 deadline for truck retrofits and replacements. He also had previously questioned how to incentivize engines and motors to be produced in California.

Director Ross suggested incorporating all programs to achieve a combined Spare the Air outreach program. Director Hudson suggested running the Spare the Air program recordings at events like the Planner's Institute conference and others to further public outreach.

Public Comments: None

**Committee Action:** Informational item; receive and file.

**Committee Member Comments:** None.

**Next Meeting:** Thursday, April 28, 2011 at 9:30 a.m., 939 Ellis Street, 4<sup>th</sup> Floor Conference Room, San Francisco, CA 94109

**Adjournment:** Meeting adjourned at 10:55 a.m.

Lisa Harper  
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 19, 2011

Re: Consideration of Projects with Proposed Grant Awards Over \$100,000

RECOMMENDATIONS:

Recommend Board of Directors:

1. Approve Carl Moyer Program projects with proposed grant awards over \$100,000.
2. Authorize the Executive Officer/APCO to enter into agreements for the recommended Carl Moyer Program projects.

BACKGROUND

The Bay Area Air Quality Management District (Air District) has participated in the Carl Moyer Program (CMP), in cooperation with the California Air Resources Board (CARB), since the program began in fiscal year 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, stationary agricultural pump engines, and forklifts.

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 for grants under the CMP.

Since 1991, the Transportation Fund for Clean Air (TFCA) program has funded projects that achieve surplus emission reductions from on-road motor vehicles. Sixty percent (60%) of TFCA funds are awarded directly by the Air District through a grant program known as the Regional Fund that is allocated on a competitive basis to eligible projects proposed by project sponsors. Funding for this program is provided by a \$4 surcharge on motor vehicles registered within the San Francisco Bay Area as authorized by the California State Legislature. The statutory authority

for the TFCA and requirements of the program are set forth in California Health and Safety Code Sections 44241 and 44242.

On March 17, 2010, the Board of Directors authorized Air District participation in Year 12 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. On November 18, 2009, the Air District Board of Directors authorized the Executive Officer/APCO to execute grant agreements and amendments for projects funded with TFCA funds, with individual grant award amounts up to \$100,000.

CMP and TFCA projects with grant award amounts over \$100,000 are brought to the 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 CARB and/or the Air District's Board of Directors.

## DISCUSSION

### **Carl Moyer Program:**

The Air District started accepting applications for CMP Year 12 projects on May 3, 2010. The Air District has approximately \$19 million available for CMP projects from a combination of MSIF and CMP funds. Project applications are being accepted and evaluated on a first-come, first-served basis.

As of April 14, 2011, the Air District had received 151 project applications. Of the applications that have been evaluated between March 8, 2011, and April 14, 2011, 18 eligible projects have proposed individual grant awards over \$100,000. These projects will replace 41 pieces of off-road equipment and 11 marine engines, which will result in the reduction of 33 tons of NO<sub>x</sub>, ROG and PM per year. Staff recommends allocating \$3,138,251 to these projects from a combination of CMP funds and MSIF revenues. Attachment 1 to this staff report provides additional information on these projects.

Attachment 2 lists all of the eligible projects that have been received by the Air District as of April 14, 2011, and summarizes the allocation of funding by equipment category (Figure 1), and county (Figure 2). This list also includes the Voucher Incentive Program (VIP) on-road replacement projects awarded to date. Approximately 32% of the funds have been awarded to projects that reduce surplus emissions in highly impacted Bay Area communities.

### **TFCA:**

No TFCA applications requesting individual grant awards over \$100,000 received between March 8, 2011, and April 14, 2011 are being forwarded for approval at this time.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

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

Respectfully submitted,

Jack P. Broadbent  
Executive Director/APCO

Prepared by: Anthony Fournier  
Reviewed by: Damian Breen

- Attachment 1: BAAQMD Year 12 Carl Moyer Program/MSIF projects with grant awards greater than \$100,000 (evaluated between 3/8/11 and 4/14/11)
- Attachment 2: Summary of all CMP Year 12/MSIF and VIP approved/eligible projects (evaluated between 5/3/10 and 4/14/11)

## Attachment 1

BAAQMD Year 12 Carl Moyer Program/ MSIF projects with grant awards greater than \$100k  
(Evaluated between 3/8/2011 and 4/14/2011)

Project #	Applicant name	Equipment category	Project description	Proposed contract award	NOx (TPY)	ROG (TPY)	PM (TPY)	County
12MOY80	Colinas Farming Company	Off-road	The replacement of five (5) off-road diesel powered tractors.	\$ 179,718.00	0.517	0.105	0.043	Napa
12MOY88	Dale Ricci dba Ricci Vineyards Carneros, Inc.	Off-road	The replacement of four (4) off-road diesel powered tractors.	\$ 111,720.00	0.269	0.081	0.027	Sonoma
12MOY82	Domaine Carneros Ltd. (Vineyard)	Off-road	The replacement of six (6) off-road diesel powered tractors.	\$ 190,056.00	1.293	0.247	0.092	Napa
12MOY95	Neil McIsaac & Son Inc. (Dairy)	Off-road	The replacement of one (1) off-road diesel powered loader.	\$ 112,978.00	0.726	0.123	0.037	Sonoma
12MOY97	Albert and Teresa Moretti dba Moretti Dairy	Off-road	The replacement of one (1) off-road diesel powered loader.	\$ 112,978.00	0.639	0.108	0.032	Sonoma
12MOY85	R. Rossi Co. / Fernando Muzzi (Farmer)	Off-road	The replacement of two (2) off-road diesel powered tractors.	\$ 105,871.00	0.782	0.119	0.037	San Mateo
12MOY102	Larry and Marsha Bettinelli dba Bettinelli Vineyard Management	Off-road	The replacement of five (5) off-road diesel powered tractors.	\$ 176,436.00	0.747	0.179	0.077	Napa
12MOY94	Andrew J. Poncia dba Poncia Fertilizer Spreading	Off-road	The replacement of two (2) off-road diesel powered tractors.	\$ 216,158.00	3.203	0.372	0.123	Sonoma
12MOY16	Superfish charters (Charter fishing)	Marine	The replacement of two (2) main engines in the marine vessel: Super Fish.	\$ 138,000.00	0.609	-0.021	0.022	Alameda
12MOY112	Global Materials Recovery Services, Inc.	Off-road	The replacement of two (2) off-road diesel powered loaders.	\$ 245,592.00	1.272	0.220	0.053	Sonoma
12MOY127	Ferrari-Carano Vineyards & Winery, LLC	Off-road	The replacement of five (5) off-road diesel powered tractors.	\$ 192,899.00	0.569	0.130	0.040	Sonoma/Napa
12MOY136	F/V Intrepid, Inc. (Commercial fishing)	Marine	The replacement of one (1) main engine in the marine vessel: Imperial.	\$ 134,805.00	0.881	0.015	0.026	San Francisco
12MOY124	Richard's Grove & Saralee's Vineyard, Inc.	Off-road	The replacement of three (3) off-road diesel powered tractors.	\$ 103,727.00	0.509	0.102	0.032	Sonoma
12MOY141	McClelland's Dairy	Off-road	The replacement of three (3) off-road diesel powered tractors.	\$ 223,348.00	1.424	0.223	0.079	Sonoma
12MOY92	Yachting Specialties, Inc. (Work boat)	Marine	The replacement of two (2) main engines in the marine vessel: Assist Golden Gate.	\$ 127,474.00	0.563	-0.014	0.020	Contra Costa
12MOY99	Riverview Equipment Company LLC	Marine	The replacement of two (2) main engines in the marine vessel: Barbara Lind.	\$ 148,510.00	2.167	-0.059	0.079	Solano
12MOY138	C & W DIVING SERVICES, INC.	Marine	The replacement of four (4) engines in the marine vessel: Denise Lind.	\$ 416,642.00	7.637	-0.012	0.232	Alameda
12MOY145	Salt River Construction Corp.	Off-road	The replacement of two (2) engines in two off-road, diesel powered excavators.	\$ 201,339.00	5.392	0.554	0.198	Contra Costa
				<b>\$ 3,138,251.00</b>	<b>29.2</b>	<b>2.5</b>	<b>1.2</b>	

## Attachment 2

*Summary of all CMP Yr 12/ MSIF and VIP approved/ eligible projects (5/3/10 to 4/14/11)*

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	NOx (TPY)	ROG (TPY)	PM (TPY)	Board approval date	County
12MOY2	Agriculture	Engine repower	3	\$ 57,831.00	Nichelini Vineyards, LLC	0.648	0.078	0.021	APCO	Napa
12MOY8	Off-road	Equipment replacement & retrofit	1	\$ 201,620.00	Evergreen Supply	1.556	0.185	0.075	8/4/2010	Santa Clara
12MOY11	Off-road	Equipment replacement	2	\$ 43,833.00	Domenico J. Carinalli, Jr. (Farmer)	0.141	0.047	0.015	APCO	Sonoma
12MOY5	Agriculture	Engine repower	1	\$ 35,119.00	Carpenter Ranchs Inc	0.542	0.079	0.022	APCO	Napa
12MOY6	Agriculture	Engine repower	1	\$ 28,163.00	Vimark Inc.	0.218	0.027	0.008	APCO	Sonoma
12MOY18	Off-road	Equipment replacement	1	\$ 115,900.00	Don Moreda JR. (Dairy)	0.318	0.087	0.035	10/6/2010	Sonoma
12MOY7	Agriculture	Engine repower	1	\$ 28,798.00	Beard Family Vineyards	0.223	0.030	0.009	APCO	Napa
12MOY4	Off-road	Equipment replacement	1	\$ 115,887.00	Andy Poncia (Fertilizer/farm support)	0.790	0.133	0.040	10/6/2010	Sonoma
12MOY10	Off-road	Equipment replacement	1	\$ 39,868.00	Daniel H. Evans (farmer)	0.227	0.041	0.011	APCO	Marin
12MOY19	Agriculture	Engine repower	9	\$ 187,170.00	Skalli Corporation DBA St. Supery	4.396	0.528	0.156	10/6/2010	Napa
12MOY26	Off-road	Equipment replacement	1	\$ 108,517.00	Gerald & Kristy Spaletta (Dairy)	0.645	0.110	0.033	10/6/2010	Sonoma
12MOY28	Off-road	Equipment replacement	2	\$ 69,940.00	Terrilinda Dairy	0.468	0.085	0.022	APCO	Sonoma
12MOY22	Off-road	Equipment replacement	4	\$ 122,062.00	ST Francis Winery & Vineyards	0.412	0.086	0.030	10/6/2010	Sonoma
12MOY9	Off-road	Equipment replacement	1	\$ 31,260.00	Deniz Dairy	0.379	0.068	0.018	APCO	Sonoma
12MOY27	Off-road	Equipment replacement	1	\$ 35,386.00	Alfred Corda	0.189	0.034	0.009	APCO	Marin
12MOY30	Agriculture	Engine repower	2	\$ 31,610.00	Beckstoffer Vineyards	0.888	0.112	0.032	APCO	Napa
12MOY21	Marine	Engine repower	2	\$ 149,288.00	James Smith (Commercial fishing)	1.530	0.034	0.051	11/3/2010	Contra Costa
12MOY32	Marine	Engine repower	2	\$ 103,010.00	Monterey Canyon Research Vessels, Inc	0.519	0.014	0.018	11/3/2010	San Francisco
12MOY43	Agriculture	Engine repower	2	\$ 51,834.00	Boisset Family Estates	0.954	0.113	0.031	APCO	Napa
12MOY29	Off-road	Equipment replacement	1	\$ 63,667.00	Daniel Sare (Farmer)	0.175	0.036	0.011	APCO	San Mateo
12MOY33	Off-road	Equipment replacement	1	\$ 29,012.00	Eugene Poncia (Farmer)	0.093	0.017	0.004	APCO	Marin
12MOY44	Off-road	Equipment replacement	1	\$ 23,032.00	Moretti Family Dairy	0.164	0.027	0.009	APCO	Marin
12MOY17	Agriculture	Engine repower	4	\$ 44,696.00	Korbel Vineyards	0.237	0.029	0.008	APCO	Sonoma
12MOY36	Off-road	Equipment replacement	2	\$ 382,265.00	Marin Sanitary Service	2.612	0.419	0.156	11/3/2010	Marin
12MOY31	Off-road	Equipment replacement	2	\$ 138,276.00	Hillside Drilling Inc	1.419	0.202	0.065	11/3/2010	Contra Costa
12MOY34	Off-road	Equipment replacement	2	\$ 148,861.00	Robert Giacomini Dairy, Inc	1.419	0.174	0.045	4/6/2011	Marin
12MOY42	Off-road	Equipment replacement	1	\$ 194,615.00	DJNI Engineering	1.558	0.173	0.070	12/2/2010	Santa Clara
12MOY45	Off-road	Equipment replacement	1	\$ 130,955.00	South Valley Mushroom Farm, Inc	0.603	0.100	0.023	12/2/2010	Santa Clara
12MOY41	Off-road	Equipment replacement	2	\$ 46,321.00	DeBernardi Dairy Inc.	0.495	0.158	0.041	APCO	Sonoma
12MOY35	Off-road	Equipment replacement	1	\$ 23,350.00	Spaletta Dairy	0.301	0.051	0.017	APCO	Sonoma
12MOY46	Off-road	Equipment replacement	2	\$ 167,096.00	Sonoma Compost	1.496	0.204	0.049	12/2/2010	Sonoma
12MOY52	Off-road	Equipment replacement	1	\$ 52,114.00	MCE Amos Inc (Dairy)	0.334	0.057	0.017	APCO	Sonoma
12MOY38	Off-road	Equipment replacement	1	\$ 87,870.00	American Soil Products, Inc.	0.772	0.095	0.027	APCO	Alameda
12MOY54	Off-road	Equipment replacement	1	\$ 43,248.00	Peter Marchi & Son Farm, Inc.	0.142	0.040	0.015	APCO	San Mateo
12MOY50	Off-road	Equipment replacement	1	\$ 166,992.00	George Chiala Farms, Inc.	0.993	0.073	0.003	2/2/2011	Santa Clara

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	NOx (TPY)	ROG (TPY)	PM (TPY)	Board approval date	County
12MOY23	Off-road	Equipment replacement	1	\$ 100,201.00	Bodega Farms	0.643	0.112	0.031	2/2/2011	Sonoma
12MOY62	Agriculture	Engine repower	1	\$ 40,017.00	Herrick Grand III (farmer)	0.871	0.104	0.034	APCO	Napa
12MOY39	Marine	Engine repower	2	\$ 77,592.00	Sundance Charters, LLC. (charter fishing)	0.393	0.013	0.013	APCO	Alameda
12MOY59	Off-road	Equipment replacement	1	\$ 34,256.00	Henri Vandendriessche dba White Rock Vineyards	0.164	0.028	0.010	APCO	Napa
12MOY56	Marine	Engine repower	2	\$ 185,322.00	Bass Tub Fishing (Charter fishing)	3.166	0.084	0.105	2/2/2011	San Francisco
12MOY49	Marine	Engine repower	2	\$ 212,256.00	C-Gull Sportfishing, Inc. (Charter fishing)	2.037	-0.045	0.073	2/2/2011	Alameda
12MOY68	Off-road	Equipment replacement	1	\$ 117,956.00	MC CALL DAIRY	0.492	0.084	0.025	2/2/2011	Sonoma
12MOY55	Off-road	Equipment replacement	1	\$ 36,770.00	Alan Hynes Construction	0.314	0.067	0.020	APCO	Marin
12MOY65	Off-road	Equipment replacement	2	\$ 79,953.00	Clos Du Val Wine Company, Ltd.	0.234	0.067	0.024	APCO	Napa
12MOY67	Off-road	Equipment replacement	5	\$ 139,428.00	Hudson Vineyards LLC	0.618	0.114	0.039	4/6/2011	Napa
12MOY25	Off-road	Equipment replacement	1	\$ 28,659.00	Bodega Farms	0.208	0.042	0.017	APCO	Napa
12MOY47	Off-road	Equipment replacement	1	\$ 24,262.00	Albert Jr. and Victoria Mello dba Mello Dairy	0.224	0.040	0.011	APCO	Sonoma
12MOY71	Off-road	Equipment replacement	1	\$ 34,794.00	Dutton Ranch corp.	0.134	0.040	0.014	APCO	Sonoma
12MOY64	Off-road	Equipment replacement	1	\$ 31,495.00	Perry Kozlowski Ranch	0.150	0.029	0.012	APCO	Sonoma
12MOY72	Off-road	Equipment replacement	2	\$ 151,763.00	RANKINS AG INC.	1.639	0.228	0.065	4/6/2011	Contra Costa
12MOY69	Off-road	Equipment replacement	1	\$ 36,274.00	DSW Equipment Associates dba Cagwin & Dorward Landscape Contractors	0.031	0.001	0.001	APCO	Marin
12MOY81	Off-road	Equipment replacement	2	\$ 146,630.00	Simoni & Massoni Farms	0.929	0.153	0.042	4/6/2011	Sonoma
12MOY84	Off-road	Equipment replacement	1	\$ 103,678.00	Spaletta Ranch	1.207	0.152	0.042	4/6/2011	Sonoma
12MOY86	Off-road	Equipment replacement	1	\$ 31,687.00	Point Reyes Vineyards	0.078	0.016	0.006	APCO	Marin
12MOY76	Off-road	Equipment replacement	1	\$ 28,736.00	Dutton Ranch corp.	0.156	0.028	0.007	APCO	Sonoma
12MOY73	Off-road	Equipment replacement	1	\$ 108,497.00	Stan Poncia dba Terrilinda Dairy	0.381	0.066	0.014	4/6/2011	Sonoma
12MOY74	Marine	Engine repower	4	\$ 241,453.00	Golden Gate Scenic Steamship Corp.	3.024	-0.024	0.109	4/6/2011	San Francisco
12MOY83	Off-road	Equipment replacement	1	\$ 117,957.00	Ielmorini Dairy	0.499	0.085	0.025	4/6/2011	Sonoma
12MOY75	Marine	Engine repower	4	\$ 285,247.00	Golden Gate Scenic Steamship Corp.	3.352	-0.027	0.122	4/6/2011	San Francisco
12MOY89	Off-road	Equipment replacement	1	\$ 125,560.00	George Bianchi Inc.	0.658	0.079	0.023	4/6/2011	Sonoma
12MOY80	Off-road	Equipment replacement	5	\$ 179,718.00	Colinas Farming Company	0.517	0.105	0.043	Board	Napa
12MOY87	Off-road	Equipment replacement	2	\$ 62,381.00	Martinelli Ranches	0.376	0.067	0.018	APCO	Sonoma
12MOY90	Off-road	Equipment replacement	1	\$ 23,254.00	David Evans dba Marin Sun Farms, Inc.	0.021	0.037	0.007	APCO	Marin
12MOY93	Off-road	Equipment replacement	1	\$ 28,394.00	Robert E. Hunter Jr. dba Hunter Farms	0.058	0.016	0.006	APCO	Sonoma
12MOY88	Off-road	Equipment replacement	4	\$ 111,720.00	Dale Ricci dba Ricci Vineyards Cameros, Inc.	0.269	0.081	0.027	Board	Sonoma
12MOY82	Off-road	Equipment replacement	6	\$ 190,056.00	Domaine Cameros Ltd. (Vineyard)	1.293	0.247	0.092	Board	Napa
12MOY95	Off-road	Equipment replacement	1	\$ 112,978.00	Neil McIsaac & Son Inc. (Dairy)	0.726	0.123	0.037	Board	Sonoma
12MOY97	Off-road	Equipment replacement	1	\$ 112,978.00	Albert and Teresa Moretti dba Moretti Dairy	0.639	0.108	0.032	Board	Sonoma
12MOY85	Off-road	Equipment replacement	2	\$ 105,871.00	R. Rossi Co. / Fernando Muzzi (Farmer)	0.782	0.119	0.037	Board	San Mateo
12MOY102	Off-road	Equipment replacement	5	\$ 176,436.00	Lary and Marsha Bettinelli dba Bettinelli Vineyard Management	0.747	0.179	0.077	Board	Napa
12MOY94	Off-road	Equipment replacement	2	\$ 216,158.00	Andrew J. Poncia dba Poncia Fertilizer Spreading	3.203	0.372	0.123	Board	Sonoma
12MOY16	Marine	Engine repower	2	\$ 138,000.00	Superfish charters (Charter fishing)	0.609	-0.021	0.022	Board	Alameda
12MOY112	Off-road	Equipment replacement	2	\$ 245,592.00	Global Materials Recovery Services, Inc.	1.272	0.220	0.053	Board	Sonoma

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	NOx (TPY)	ROG (TPY)	PM (TPY)	Board approval date	County
12MOY127	Off-road	Equipment replacement	5	\$ 192,899.00	Ferrari-Carano Vineyards & Winery, LLC	0.569	0.130	0.040	Board	Sonoma/Napa
12MOY91	Marine	Engine repower	2	\$ 63,080.00	Inspiration Inc. (Commercial fishing)	0.273	0.007	0.010	APCO	San Francisco
12MOY136	Marine	Engine repower	1	\$ 134,805.00	F/V Intrepid, Inc. (Commercial fishing)	0.881	0.015	0.026	Board	San Francisco
12MOY119	Off-road	Equipment replacement	2	\$ 92,974.00	Ghiggeri and Stonebarger LLC (Farm)	0.347	0.071	0.023	APCO	Contra Costa
12MOY124	Off-road	Equipment replacement	3	\$ 103,727.00	Richard's Grove & Saralee's Vineyard, Inc.	0.509	0.102	0.032	Board	Sonoma
12MOY138	Marine	Engine repower	4	\$ 416,642.00	C & W DIVING SERVICES, INC.	7.637	-0.012	0.232	Board	Alameda
12MOY126	Off-road	Equipment replacement	1	\$ 84,725.00	Shear Builders Inc.	0.317	0.060	0.021	APCO	Sonoma
12MOY141	Off-road	Equipment replacement	3	\$ 223,348.00	McClelland's Dairy	1.424	0.223	0.079	Board	Sonoma
12MOY92	Marine	Engine repower	2	\$ 127,474.00	Yachting Specialties, Inc. (Work boat)	0.563	-0.014	0.020	Board	Contra Costa
12MOY99	Marine	Engine repower	2	\$ 148,510.00	Riverview Equipment Company LLC	2.167	-0.059	0.079	Board	Solano
12MOY145	Off-road	Engine repower	2	\$ 201,339.00	Salt River Construction Corp.	5.392	0.554	0.198	Board	Contra Costa
12MOY144	Marine	Engine repower	1	\$ 66,320.00	F/V ANNE B (Commercial fishing)	0.400	0.022	0.017	APCO	San Mateo
VIP2	VIP	Truck replacement	1	\$ 35,000.00	C. Hill Trucking	0.366	0.014	0.658	APCO	Alameda
VIP7	VIP	Truck replacement	1	\$ 35,000.00	David Bianchi Inc.	0.366	0.014	0.658	APCO	Sonoma
VIP10	VIP	Truck replacement	1	\$ 35,000.00	Donald Lopez	0.366	0.014	0.658	APCO	Alameda
VIP11	VIP	Truck replacement	1	\$ 35,000.00	Leyvas Transport	0.366	0.014	0.658	APCO	Monterey
VIP15	VIP	Truck replacement	1	\$ 35,000.00	Maddocks Construction Inc.	0.366	0.014	0.658	APCO	Sonoma
VIP16	VIP	Truck replacement	1	\$ 35,000.00	Northern Truck & Equipment	0.366	0.014	0.658	APCO	Alameda
VIP17	VIP	Truck replacement	1	\$ 30,000.00	Chahal Trucking	0.294	0.008	0.265	APCO	Alameda
VIP18	VIP	Truck replacement	1	\$ 30,000.00	Mann Transp	0.294	0.008	0.265	APCO	Alameda
VIP19	VIP	Truck replacement	1	\$ 40,000.00	Farlain Trucking	0.354	0.014	0.032	APCO	Sonoma
VIP20	VIP	Truck replacement	1	\$ 30,000.00	C & G Trucking	0.383	0.010	0.017	APCO	Stanislaus
VIP21	VIP	Truck replacement	1	\$ 35,000.00	Arrow Trucking	0.442	0.012	0.020	APCO	Alameda
VIP22	VIP	Truck replacement	1	\$ 35,000.00	VJ Trucking	0.305	0.012	0.027	APCO	Contra Costa
VIP23	VIP	Truck replacement	1	\$ 35,000.00	Dhindsa Trucking	0.305	0.012	0.027	APCO	Alameda
VIP24	VIP	Truck replacement	1	\$ 35,000.00	Trent McGrew Trucking	0.305	0.012	0.027	APCO	Shasta
VIP25	VIP	Truck replacement	1	\$ 30,000.00	Berkeley Warehouse	0.466	0.005	0.013	APCO	Alameda
VIP27	VIP	Truck replacement	1	\$ 30,000.00	GS Trucking	0.436	0.011	0.015	APCO	Alameda
VIP28	VIP	Truck replacement	1	\$ 35,000.00	Mark Maxwell	0.305	0.012	0.027	APCO	Alameda
VIP29	VIP	Truck replacement	1	\$ 45,000.00	JBV Trucking	0.649	0.016	0.022	APCO	Ventura
VIP31	VIP	Truck replacement	1	\$ 45,000.00	Raymond A. Hobbs	0.570	0.020	0.052	APCO	Santa Clara
VIP32	VIP	Truck replacement	1	\$ 45,000.00	Harjot Singh	0.649	0.016	0.022	APCO	Alameda
VIP33	VIP	Truck replacement	1	\$ 45,000.00	John Whitney	0.390	0.015	0.035	APCO	Alameda
VIP34	VIP	Truck replacement	1	\$ 45,000.00	James A. King	0.579	0.015	0.026	APCO	Merced
VIP36	VIP	Truck replacement	1	\$ 45,000.00	Fourway Trucking, Inc.	0.510	0.013	0.017	APCO	Alameda
VIP37	VIP	Truck replacement	1	\$ 45,000.00	Jasmer Singh/Surjit Kaur	0.649	0.016	0.022	APCO	Santa Cruz
VIP38	VIP	Truck replacement	1	\$ 35,000.00	Rupinderjit Singh Basra	0.640	0.020	0.029	APCO	Santa Clara
VIP39	VIP	Truck replacement	1	\$ 45,000.00	Melanio G. Maningas	0.970	0.019	0.022	APCO	Contra Costa
VIP40	VIP	Truck replacement	1	\$ 25,000.00	Melvyn Ortiz	0.470	0.010	0.021	APCO	Contra Costa

112 Projects

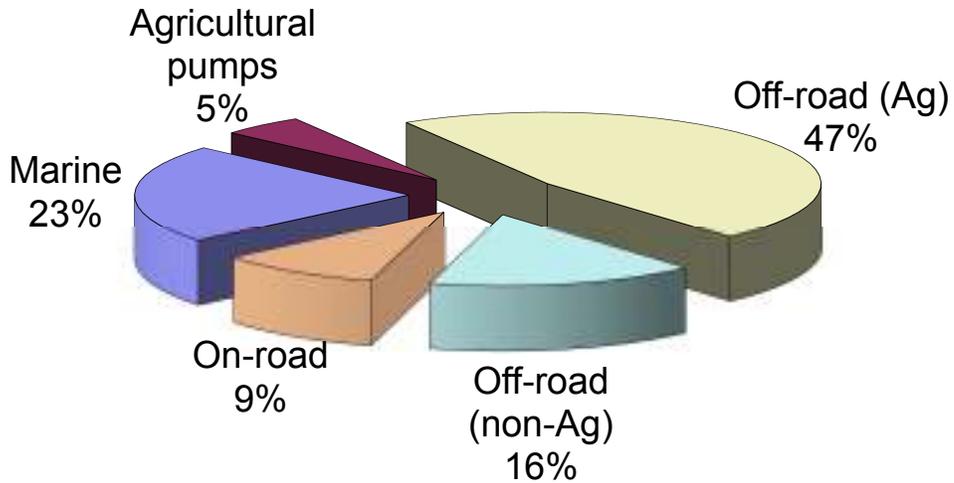
192 \$10,374,288.00

92.6

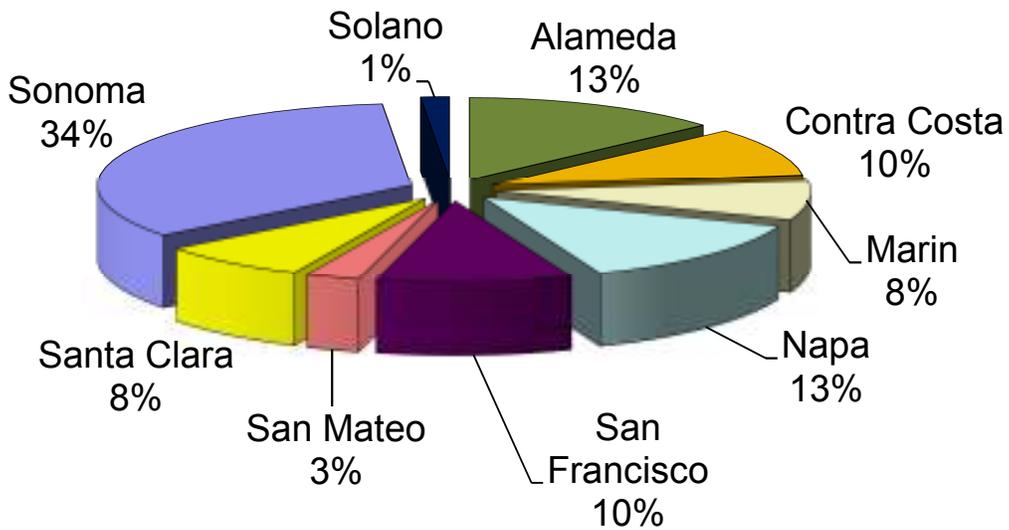
8.4

8.4

**Figure 1: CMP/ MSIF Funding Distribution by Equipment Category as of 4/14/11**



**Figure 2: CMP/ MSIF Funding Distribution by County as of 4/14/11**



BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 19, 2010

Re: Consideration of Approximately \$20 Million in California Goods  
Movement Bond (I-Bond) Funding for Bay Area Ports

RECOMMENDATIONS:

Recommend Board of Directors:

1. Approve the proposed and alternate I-Bond shore power projects.
2. Authorize the Executive Officer/APCO to enter into agreements for the proposed projects.

BACKGROUND

On December 16, 2010, the Air District executed an agreement with the California Air Resources Board (CARB) to accept \$20 million in Goods Movement Bond Funding (I-Bond) for shore power projects at Bay Area ports. In order to expend the \$20 million in I-Bond funding, the Air District opened a solicitation for projects on February 1, 2011. Applications were accepted until March 15, 2011. Staff notified the Executive Officers and Directors of all Bay Area ports, shipping lines and terminals of the availability of funding via registered mail. Staff also hosted a workshop on February 18, 2011, to answer questions and provide guidance for those interested in applying for funding.

DISCUSSION

The Air District received two applications for shore power projects at ten berths at the Port of Oakland. The Port of Oakland submitted one application for seven berths and two alternate berths and Ports America (a private terminal) submitted an application for one berth at their Oakland facility. Alternate berths are allowed under the I-Bond guidelines to be submitted as back-up projects in the event that primary projects are not able to be completed or if additional funds should become available. As part of the competitive solicitation, staff ranked projects on emissions reduced on a berth-by-berth basis in two categories, primary and alternate berths. That ranking process resulted in eight berths being recommended for funding (Table 1), and two berths being recommended as alternate projects (Table 2). All of the projects are scheduled to be completed between August and December of 2013.

**Table 1: I-Bond Shore Power Project Recommendations**

Berth #	Applicant	Terminal Operator	Proposed Funding Amount	Emission Reductions (lbs <sup>1</sup> )		2010 vessel visits	Cost-effectiveness (lb/\$)
				PM	NOx		
68	Port of Oakland	SSAT/ Howard Terminal	\$2,500,000	16,596	972,342	74	0.522
55	Port of Oakland	TTI	\$2,500,000	15,844	928,315	186	0.498
35	Port of Oakland	Evergreen/ Ben E. Nutter Terminal	\$2,500,000	14,103	826,263	136	0.443
30	Port of Oakland	TraPac	\$2,500,000	14,095	825,830	140	0.443
24	Ports America	Ports America/ Outer Harbor	\$2,500,000	13,475	789,511	130	0.424
59	Port of Oakland	SSAT/ Oak Intern. Container Terminal	\$2,500,000	12,427	728,076	138	0.391
32	Port of Oakland	TraPac	\$2,500,000	5,972	349,918	61	0.188
37	Port of Oakland	Evergreen/ Ben E. Nutter Terminal	\$1,917,476	4,087	239,430	46	0.128
<b>Totals<sup>2</sup></b>			<b>\$19,417,476</b>	<b>95,599</b>	<b>5,659,685</b>	<b>911</b>	

<sup>1</sup> Emission reductions over the life of the projects

<sup>2</sup> \$582,524 of the \$20 million allocation is for Air District administrative costs

**Table 2: I-Bond Alternate Shore Power Projects**

Berth #	Applicant	Terminal Operator	Eligible Funding Amount	Emission Reductions (lbs)		2010 vessel visits	Cost-effectiveness (lb/\$)
				PM	NOx		
25	Port of Oakland	Ports America	\$2,500,000	10,548	618,005	120	0.332
67	Port of Oakland	SSAT/ Howard Terminal	\$2,500,000	723	42,342	6	0.023
<b>Totals</b>			<b>\$5,000,000</b>	<b>11,271</b>	<b>660,347</b>	<b>126</b>	

Upon approval by the Board of Directors, funded projects will have to comply with a number of requirements during the project implementation period, and for ten years after the equipment is operational. The list below describes some of the major requirements for these projects.

- Each contract shall require the grantee to achieve surplus emissions reductions by plugging in 10% more vessels than required by the shore power regulation (see Table 3):

**Table 3: I-Bond Plug-In Rates vs. Regulatory Requirements**

Date	Regulatory Requirement	I-Bond Requirement
Jan 1, 2014	50% of vessels	60% of vessels
Jan 1, 2017	70% of vessels	80% of vessels
Jan 1, 2020	80% of vessels	90% of vessels

- Grant recipients must demonstrate their financial ability to match the available grant funding to complete shore power projects within the timeframe of the I-Bond program.
- Each grant agreement shall include project milestones with specific completion dates.
- Each grantee is required to provide quarterly reports on adherence to the project schedule. This report includes: actual start and finish dates of activities, estimated completion dates of project elements and a listing of dates that may jeopardize the on-time completion of the project.
- In the event that any milestone dates are not reached, the grantee has the option to either forfeit grant funding or submit a schedule recovery plan.
- CARB and the Air District will determine whether the recovery plan meets the requirements of the I-Bond guidelines and whether or not funding will be forfeit due to the fact that the project cannot recover in time to meet the expenditure deadlines.
- Upon approval by the Air District and CARB, projects not fully operational by December 31, 2013 may be eligible for a project extension of up to 1 year, but will have their funding award reduced by 10%.
- All contracts shall contain a nonperformance clause. In the event that the grantee fails to meet the plug-in requirement of the I-Bond contract, they will be penalized 1% of the funding invested for every 1% of nonperformance up to 10%.

In the event that any funds are forfeited under this program, CARB will require the Air District to reinvest them in on-road trucks as part of its projected Year 3 I-Bond expenditure plan.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

None. The Air District receives funding for the administration of incentives under the I-Bond program.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Anthony Fournier  
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 19, 2011

Re: Consideration of Air District Participation in Lawn and Garden Equipment  
Replacement Project and Allocation of \$182,025 in Matching Funds

RECOMMENDED ACTION:

Recommend the Board of Directors:

1. Adopt a resolution authorizing the Executive Officer/APCO to accept a grant from the California Air Resources Board (CARB) of up to \$182,025 and committing the Air District to comply with the Lawn and Garden Equipment (LGER) Replacement Project requirements, and allocating up to \$182,025 in Mobile Source Incentive Funding (MSIF) as matching funds.
2. Authorize the Executive Officer/APCO to execute all necessary agreements with the CARB relating to the Air District's receipt of LGER Project funds for FYE 2011.

BACKGROUND

On December 2, 2010, the Air District applied to the CARB for a grant to implement a LGER Project. This grant opportunity was part of the Air Quality Improvement Program (AQIP) authorized under Assembly Bill (AB) 118 (Nuñez, 2007). On December 22, 2010, CARB notified staff of its intent to provide a grant award of \$182,025 to the Air District.

The LGER Project guidelines require one-to-one matching funds. In its application, the Air District proposed using MSIF as matching funds, once CARB included LGER projects in the Carl Moyer Program (CMP) Guidelines. This inclusion is necessary to enable the use of MSIF funds for LGER projects and is expected to receive CARB approval on April 28, 2011.

DISCUSSION

Should the Board of Directors choose to accept this award, staff would launch the LGER Project in the fall of 2011. As part of this project, the Air District will provide extensive outreach to ensure widespread public awareness and full use of all available discounts. To participate, residents will turn in an operable gasoline-powered lawn mower at one of a number of locations and receive a discount on a new cordless electric mower. Staff

plans to contract with a company selected via a Request for Proposal process to: accept the used mowers; provide the discount; and process the sale of the new cordless mower on a first-come, first-served basis. The final amount of the discount on the purchase price of the new mowers will be \$145, based on the price cap imposed by the CMP guidelines. Staff estimates that the LGER Project will replace approximately 2000 lawnmowers district-wide.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

None. Through the LGER Project and MSIF, the Air District distributes “pass-through” funds on a reimbursement basis. Administrative costs of up to 9% of the AQIP funds awarded to the Air District will be used for related administrative expenses.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: David Wiley  
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 19, 2011

Re: Consideration of Transportation Fund for Clean Air (TFCA) County Program  
Manager Expenditure Plans for Fiscal Year Ending (FYE) 2012, and Allocation  
of FYE 2008 TFCA Funds to the Napa County Program Manager

RECOMMENDED ACTIONS:

Recommend Board of Directors:

1. Approve the allocation of FYE 2012 TFCA County Program Manager Funds listed on Table 1.
2. Authorize the Executive Officer/APCO to enter into funding agreements with the County Program Managers (CPM) for the total funds to be programmed in FYE 2012, listed on Table 1, consistent with the Board-adopted TFCA Program Manager Fund Policies.
3. Approve the allocation of \$68,020.50 in remaining FYE 2008 funds to the Napa County Transportation and Planning Agency, and authorize the Executive Officer/APCO to amend the funding agreement with the agency to include the additional allocation.

BACKGROUND

Pursuant to California Health and Safety Code Sections 44241 and 44242, Air District receives a \$4 per vehicle annual surcharge on all motor vehicles registered within its boundaries. The revenues fund the implementation of transportation control and mobile source control measures contained in the Clean Air Plan. By law, the Air District provides forty percent of the revenues generated by this surcharge to the TFCA County Program Manager Fund. Each county in the Air District's jurisdiction is eligible to receive a portion of this funding based on the fees raised in that county, and designates a CPM to expend this funding. CPMs submit to the Air District an annual expenditure plan application specifying funding for air quality projects. These expenditure plans are governed by the FYE 2012 TFCA County Program Manager Fund Policies, which were adopted by the Air District's Board of Directors on December 1, 2010. In FYE 2008, the Program Manager for Napa County was not able to allocate all of its CPM funds to eligible projects. Pursuant to the TFCA-enabling legislation, which requires CPM funds to be allocated within six months, the Air District withheld approximately \$68,000.

DISCUSSION

The Air District issued the TFCA FYE 2012 Program Manager Expenditure Plan Application Guidance to CPMs on December 22, 2010. The deadline for applications was March 31, 2011, and all nine CPMs submitted compliant applications.

Table 1 below lists the recommended expenditure plan amounts. The amount in the second column in the table is the estimated new FYE 2012 TFCA CPM funding available for allocation. This estimate is based on annual receipts for that county from the Department of Motor Vehicles. The third column in the table lists the total funding available for programming in each county for FYE 2012. This amount includes interest earned and any funds available for reprogramming from projects that were completed under budget or canceled in the previous fiscal year.

**Table 1: Estimated Funding for CMPs for FYE 2012**

<b>County Program Manager</b>	<b>Est. New FYE 2012 TFCA Funds</b>	<b>Total Funds to be Programmed in FYE 2012</b> (New Funds + Interest + Reprogrammed Funds)
Alameda County Congestion Mgt. Agency	\$1,754,911	\$1,927,591.72
Contra Costa Transportation Authority	\$1,278,554	\$1,310,904.34
Transportation Authority of Marin	\$335,635	\$398,527.09
Napa County Transportation Planning Agency	\$180,357	\$238,907.42
San Francisco County Transportation Authority	\$686,946	\$1,080,142.45
San Mateo City/County Association of Gov'ts	\$976,283	\$987,566.04
Santa Clara Valley Transportation Agency	\$2,148,196	\$2,302,585.80
Solano Transportation Authority	\$291,092	\$294,747.25
Sonoma County Transportation Authority	\$551,523	\$558,598.93

Regarding the remaining FYE 2008 CPM funds, the Program Manager for Napa County was unable to identify projects to receive this funding until now and as such these monies had been unallocated by the Board of Directors. Based on the fact there are now sufficient projects to expend this funding, staff is recommending the allocation of these funds.

BUDGET CONSIDERATION/FINANCIAL IMPACT:

None. TFCA County Program Manager Fund revenues are generated from a dedicated outside funding source and are passed through to CPMs.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: David Wiley  
Reviewed by: Damian Breen