



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

SCOTT HAGGERTY – CHAIR
TOM BATES
CAROL KLATT
NATE MILEY
GAYLE B. UILKEMA

CAROLE GROOM – VICE CHAIR
JENNIFER HOSTERMAN
ERIC MAR
MARK ROSS

**THURSDAY
SEPTEMBER 23, 2010
9:30 A.M.**

**4TH FLOOR CONFERENCE ROOM
939 ELLIS STREET
SAN FRANCISCO, CA 94109**

TELECONFERENCE LOCATION:

City of Pleasanton Mayor's Office, 123 Main Street, Pleasanton, CA 94566

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 JUNE 30, 2010**

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

D. Breen/5041

dbreen@baaqmd.gov

The Committee will consider recommending Board of Directors' approval of Carl Moyer and Transportation Fund for Clean Air (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. **UPDATE ON THE CALIFORNIA GOODS MOVEMENT BOND (I-BOND) TRUCK PROGRAM**

D. Breen/5041

dbreen@baaqmd.gov

The Committee will receive an informational update on the status of the I-Bond Port Truck and On-Road Truck programs. Additionally, staff will request the Committee consider recommending Board of Directors' approval for a resolution allowing the Executive Officer/APCO to enter into contracts for up to an additional \$700,000 in reallocated I-Bond funding for On-road trucks.

6. **UPDATE ON BICYCLE PROGRAMS**

D. Breen/5041
dbreen@baaqmd.gov

The Committee will receive an informational update on Bicycle Programs including both Transportation Fund for Clean Air (TFCA) Regional and County Program Manager efforts to deploy bicycle infrastructure and bicycle lanes in the region. Additionally, staff will request the Committee consider recommending Board of Directors' approval of \$1.4 Million in TFCA Regional Funds from FY 09/10 to support a pilot Bicycle Share Program.

7. **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).

8. **TIME AND PLACE OF NEXT MEETING: OCTOBER 28, 2010, 9:30 a.m.,** 939 Ellis Street, 4th Floor Conference Room, San Francisco, CA 94109

9. **ADJOURNMENT**

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

**(415) 749-5130
FAX: (415) 928-8560
BAAQMD homepage:
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) 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

SEPTEMBER 2010

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Strategic Facilities Planning Ad Hoc Committee <i>(At the Call of the Chair)</i> – RESCHEDULED TO SEPTEMBER 23, 2010 AT 11:00 A.M.	Tuesday	21	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday each Month)</i>	Thursday	23	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Strategic Facilities Planning Ad Hoc Committee <i>(At the Call of the Chair)</i> —RESCHEDULED TO OCTOBER, 1, 2010 AT 1:00 PM	Thursday	23	11:00 a.m.	4 th Floor Conf. Room
Board of Directors Stationary Source Committee <i>(At the Call of the Chair)</i>	Monday	27	9:30 a.m.	Board Room
Board of Directors Maritime Sources & Ports Committee <i>(At the Call of the Chair)</i>	Wednesday	29	9:30 a.m.	4 th Floor Conf. Room

OCTOBER 2010

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Strategic Facilities Planning Ad Hoc Committee <i>(At the call of the Chair)</i>	Friday	1	1:00 p.m.	4 th Floor Conf. Room
Board of Directors Legislative Committee <i>(At the Call of the Chair)</i>	Monday	4	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	6	9:45 a.m.	Board Room
Advisory Council Regular Meeting	Wednesday	13	9:00 a.m.	Board Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	Board Room
Board of Directors Public Outreach Committee <i>(At the Call of the Chair)</i>	Monday	25	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday each Month)</i>	Thursday	28	9:30 a.m.	4 th Floor Conf. Room

NOVEMBER 2010

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	3	9:45 a.m.	Board Room
Advisory Council Regular Meeting	Wednesday	10	9:00 a.m.	Board Room
Joint Policy Committee Special Meeting	Friday	12	10:00 a.m.	MTC Auditorium 101 – 8 th Street Oakland, CA 94607
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	17	9:45 a.m.	Board Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday each Month)</i> - CANCELLED	Thursday	25	9:30 a.m.	4 th Floor Conf. Room

SS-9/2/2010 9:17AM
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: September 13, 2010

Re: Mobile Source Committee Draft Meeting Minutes

RECOMMENDED ACTION:

Approve attached draft minutes of the Mobile Source Committee meeting of June 30, 2010.

DISCUSSION

Attached for your review and approval are the draft minutes of the June 30, 2010 Mobile Source Committee meeting.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Vanessa Johnson
Reviewed by: Jennifer Cooper

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
Wednesday, June 30, 2010
9:30 a.m.

CALL TO ORDER: Chairperson Scott Haggerty called the meeting to order at 9:33 a.m.

Roll Call: Scott Haggerty, Chairperson; Directors Tom Bates, Jennifer Hosterman, Carol Klatt, Eric Mar, Mark Ross and Gayle B. Uilkema; Brad Wagenknecht, Board Chairperson

Absent: Vice Chairperson Carole Groom; Director Nate Miley

Public Comments: There were no public comments

Approval of Minutes: Mobile Source Committee Meeting of May 27, 2010

Committee Action: Director Klatt made a motion to approve the May 27, 2010 Mobile Source Committee minutes; seconded by Director Uilkema. Vote 8-0: Ayes: Bates, Hosterman, Klatt, Mar, Ross, Uilkema, Haggerty and Wagenknecht. Noes: None. Absent: Groom and Miley, carried unanimously without objection.

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

Damian Breen, Director of Strategic Incentives, initiated the staff presentation and provided an overview of proposed Carl Moyer Program and TFCA grant awards over \$100,000.

Anthony Fournier, Grants Manager provided background of this item which included:

- **Carl Moyer Program (CMP)**
 - Created in 1998 to reduce emissions from heavy-duty engines
 - Voluntary program that funds surplus emission reductions
- **Transportation Fund for Clean Air (TFCA)**
 - Established in 1991 to reduce on-road mobile source emissions
 - \$4 motor vehicle registration surcharge fee
 - 60% of funds awarded through the District
- **Mobile Source Incentive Fund (MSIF)**
 - AB 923 allowed for additional \$2 motor vehicle registration fee surcharge (12/04)
 - CMP projects eligible for MSIF funding

Mr. Fournier continued with the following:

- On **3/17/10** District Board of Directors:
 - Approved participation in CMP Year 12
 - Authorized Executive Officer/APCO to execute contracts and amendments with grant awards up to \$100,000
- **CMP Yr 12 Project Recommendation (over \$100k)**
 - 1 Project to replace one 1987 off-road wheel loader
 - Evergreen Supply, San Jose
 - \$201,620 in total awards
 - Over 7 tons of lifetime emission reductions

The TFCA portion included the following information:

- District Board of Directors allocated \$11,601,500 in set asides for the TFCA Regional Fund
- On 12/16/09 Board of Directors authorized Executive Officer/APCO to execute TFCA contracts with grant awards up to \$100,000
- **TFCA FY 2009/2010 Project Recommendation (over \$100k)**
 - One (1) Advanced Technology Demonstration Project – 09R50 to introduce battery swapping technology in San Francisco
 - \$470,000 in total awards
 - Estimated emissions reductions: Over 0.14 TPY of criteria pollutants and 1,179 TPY of CO₂

Committee Comments/Questions:

Chairperson Haggerty asked about the funding amount in the Regional Fund. Mr. Breen clarified the dollar amount in the Regional Fund is based on the fiscal year, and that this would be the last award from this funding, with an estimate total amount of \$11 million. It is estimated that approximately \$8 million has been spent and the remainder of that money will be awarded to the Spare the Air Campaign and the Smoking Vehicle Campaign.

Director Uilkema asked if there was some sort of monitoring to ensure the funding has been spent to its maximum, and that individuals are accountable for these funds or can the funds be allocated to a different program. Mr. Breen informed the Committee that reporting is conducted and there is follow up to ensure that the grantees are meeting the requirements of the grants. In addition, any funding returned goes to the next years TFCA allocation. Mr. Breen further stated staff ensures that the funding amount and the project targets are defined before the funds are allocated.

Director Wagenknecht asked if the Air District was at the end of the funding cycle for the Carl Moyer Program. Mr. Fournier informed the Committee that applications were accepted on May 3, 2010 and that they are being accepted and evaluated on a first-come, first-served basis. At present \$300,000 have been allocated out of \$19 million with the program at the beginning stages.

Staff recommended that the Committee request the Board of Directors approve the Carl Moyer Program Year 12 and TFCA FY 2009/2010 projects with proposed grant awards over \$100,000; and authorize the Executive Officer/APCO to enter into agreements for the recommended Carl Moyer Program Year 12 and TFCA FY 2009/2010 projects.

Public Comments: None.

Committee Action: Director Uilkema made a motion to recommend Board of Directors' approval of Carl Moyer Program Year 12 and TFCA FY 2009/2010 projects with proposed grant awards over \$100,000; and authorize the Executive Officer/APCO to enter into agreements for the recommended Carl Moyer Program Year 12 and TFCA FY 2009/2010 projects; Director Klatt seconded the motion. Vote 8-0: Ayes: Bates, Hosterman, Klatt, Mar, Ross, Uilkema, Haggerty and Wagenknecht. Noes: None. Absent: Groom and Miley, carried unanimously without objection.

Update on the Strategic Incentives Division Database System

Damian Breen, Director of Strategic Incentives, gave the staff report on an Online Application Tool for the Carl Moyer Program (CMP). Mr. Breen informed the Committee that he would explain why the tools were put in place and give an overview of the system.

- 2007 ARB & Department of Finance Audits
 - Carl Moyer & Lower Emission School Bus Programs
 - Increase in performance, accuracy and accountability
- July 2007 – District Board authorized \$900,000 in general fund revenues for grant program upgrades to improve processes including grants database
- Late 2007 District staff began defining the specifications for an online application system
- May 2010 the system was available to the public

System Overview

- **Collaborative effort:**
 - District ISS & SID staff
 - Consultants: Viaspire, and Trinity Technology Group
 - \$389,000 for System design and development
- **System benefits:**
 - Simplified, online application process
 - Allows vendor assistance with applications
 - Improves accuracy, and automates District procedures
 - Single database for project recordkeeping
- Currently accepts CMP project applications with the potential for expanding the system to other grant programs

Mr. Breen provided the Committee with an online demonstration of how the program works.

Chairperson Haggerty asked if this program is to be a groundbreaking program for the Air District. Mr. Breen responded that the Air District is the first in the State to launch an online application system, in addition to being the first to have a paperless system.

Mr. Fournier continued with the simulation of the program reiterating that staff has access the data that is entered directly by the applicant. In addition, the system creates a central database for all projects.

The database also provides a number of filter options which allows staff to sort through projects which have been submitted. In addition, staff is able to view the organization type, status of the proposal, category and the project number. Mr. Fournier further elaborated that staff will have the ability to view multiple pages and will enter the emission factors from the program data and the system provides the calculations the emission benefits in terms of tons per year, percent reduction and cost effectiveness. In addition, it provides the information to determine the maximum award that the respective project would be eligible to receive.

One of the important features of the database is the workflow which allows the Grant staff to route their work to supervisors and managers. The database will not only save time, but it will improve accuracy.

Director Uilkema asked if the system allows the District to sort for equitable distribution in priority areas. Mr. Fournier replied that system will allow the District to track projects and various locations by impacted areas. For example, the AB 1390 analysis, is included for communities that are in impacted areas and those communities can be flagged to track how much funding went towards those particular areas. Director Uilkema also asked if system feeds into an overall map or picture of where the District has allowed projects in the past. Mr. Breen responded that at present, the District does not have mapping in place as of yet. Director Uilkema would like the District to issue equitable distribution and expressed its importance and would like this information to be included with future tracking. Mr. Breen agreed and informed that the District does have the ability to view the information by county.

Committee Comments/Questions:

Director Mar asked if the cost was roughly \$400,000 to design and develop, and if the cost is covered by saving staff time and making it easier for applicants to submit information. Mr. Breen stated that the database helps minimize all the work previously associated with the application process.

Public Comments: None.

Committee Action: None, this item is informational for receive and file.

Request to Approve \$5 Million in Transportation Fund for Clean Air Regional Fund for Electric Vehicle Infrastructure Projects

Karen Schkolnick, Air Quality Programs Manager, gave the staff report and discussed proposed changes to TFCA Regional Fund Policies, as follows:

Under General Policies:

- Further streamlining to align TFCA evaluation criteria with other District incentive programs;
- Reintegration of Bicycle Facility Program into the Regional Fund program to streamline administration and to allow bicycle projects to be funded directly through the Regional Fund;
- Extension of the existing requirement of matching funds for projects greater than \$150,000 to all projects in order to maximize funding distribution.

For Project Category Specific Policies:

- Only policies and funding allocations for Shuttle, Ridesharing and Bicycle projects proposed at this time;
- Other Project Category Specific policies to be proposed later this year.

Ms. Schkolnick described the proposed funding allocation of approximately \$4.6 million, to be considered by the Committee and also the proposed policy changes. She further described how reintegration of the Bicycle Facility Program into the Regional Fund program would streamline administration and allow bike projects to be funded directly through the Regional Fund. She said only policies and funding allocations for shuttles, regional ride sharing and bikes are being brought forward at this time, and that other project types will be presented to the Committee later this year.

She described proposed funding allocations, as follows:

- Shuttle and ridesharing, \$4 million
- Bicycle Lanes and Parking, \$600,000
- Smoking Vehicle, \$1,156,216
- Spare the Air, \$1,050,751
- Other Programs (i.e., alt. fuel vehicle infrastructure advance technology), \$4 million

Ms. Schkolnick requested the Committee recommend the Board of Directors approve Transportation Fund for Clean Air Fiscal Year (FY) 10/11 Regional Fund Policies presented in Attachment A; and approve TFCA Regional Fund project category specific policies and set-asides listed below. Any monies not spent in these categories within 12 months will revert back to the TFCA Regional Fund for re-allocation:

- a. Up to \$4 million for shuttles and rideshare projects, and
- b. Up to \$600,000 for bicycle facility projects

Committee Comments/Questions:

Directors reviewed the chart of proposed funding allocations for the 2010/2011 cycle, discussed the concept of bicycle sharing programs at transit facilities in Portland, Oregon and in Europe, and requested that staff evaluate the potential for funding these programs in the Bay Area.

Public Comments: None

Committee Action: Director Hosterman made a motion to recommend Board of Directors' approval of proposed Transportation Fund for Clean Air (TFCA) Regional Fund policies and evaluation criteria for Fiscal Year 2010/2011 and proposed allocations for specific project types; Director Mar seconded the motion; carried unanimously without objection.

Request to Approve Contract for Transportation Fund for Clean Air Program Review in the Amount of \$200,000

Anthony Fournier, Grants Manager, provided a staff presentation and background on truck funding through the I-Bond Program, TFCA and Carl Moyer Program (CMP) programs. He reviewed the I-Bond program which serves to fund truck replacements and retrofits for Port and non-Port trucks operating in the Bay Area trade corridor.

He reported that \$22 million was initially allocated to address clean up of 1,000 port trucks, and that subsequently an additional \$4.5 million was allocated for another 648 port trucks. Of the second group of 648 trucks, 250 trucks have been completed, and none have been denied funding; however, an Air Resources Board (ARB) deadline has prevented some trucks from entering the Port on 4/30/10. The next deadline for the program is June 30, 2010 which will apply to about 200 trucks for which the ARB granted extension stickers. Those trucks will also not be able to enter the Port of Oakland if not retrofitted/replaced at that time.

Future funding includes \$15 million for non-port trucks in late 2010.

Regarding outreach, Mr. Fournier noted that the District will continue to schedule public workshops, establish vendor partnerships, add trucking associations/trade groups to its mailing lists, and will consider off-site outreach locations, advertising on billboards, websites and trucker Wi-Fi points.

Committee Comments/Questions:

Directors reviewed with staff the number of contracts signed to date, the number of outstanding contracts, and confirmed funding was on a reimbursement basis.

Directors reviewed 40% reductions in cargo volumes at the port last year, but acknowledged this volume had increased in 2010. They also confirmed that on-road trucks were those trucks with administrative barriers imposed by the ARB.

Directors clarified garbage trucks have been subject to regulation since 2004, discussed alternative fuels, retrofits and compliance deadlines. They also suggested enhanced advertising of the District's efforts in funding retrofits at the Port of Oakland, and confirmed that the ARB is considering focusing on replacements only in the next round of funding.

Public Comments: None

Committee Action: None; Informational only.

Committee Member Comments: None

Next Meeting: 9:30 a.m., Thursday, September 23, 2010
939 Ellis Street, 4th Floor Conference Room

Adjournment: Meeting adjourned at 10:50 a.m.

Vanessa Johnson
Executive Secretary

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: September 14, 2010

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

RECOMMENDATIONS:

Recommend Board of Directors consider:

1. Approval of the Carl Moyer Program 2009/2010 and TFCA FY 2009/2010 projects with proposed grant awards over \$100,000.
2. Authorization for the Executive Officer/APCO to enter into agreements for the recommended Carl Moyer Program and TFCA FY 2009/2010 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, 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 ARB 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 September 9, 2010, the Air District had received 38 project applications. Of the applications that have been evaluated between June 11, 2010, and September 9, 2010, five eligible projects have proposed individual grant awards over \$100,000. These projects will replace three off-road loaders, four agricultural tractors, and nine stationary agricultural irrigation pumps, which will result in the reduction of 7.8 tons of NO_x, ROG and PM per year. Staff recommends allocating \$649,536 to these projects from a combination of CMP funds and MSIF revenues. Attachment 1 to this staff report provides additional information on these five projects.

Attachment 2 lists all of the eligible projects that have been received by the Air District as of September 9, 2010, 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. More than 30% of the funds have been awarded to projects that reduce surplus emissions in highly impacted Bay Area communities.

TFCA:

For FY 09/10, the Air District allocated up to \$11.6 million for eligible Shuttle and Ridesharing, Bicycle, Alternative Fuel Vehicle and Infrastructure, and Advanced Technology Demonstration projects. Project applications are accepted and evaluated on a first-come, first-served basis.

As of September 9, 2010, the Air District had received more than 78 project applications for TFCA Regional Funds. Of the applications that have been evaluated between June 15, 2010, and September 9, 2010, one eligible project has a proposed individual grant award over \$100,000.

This project (Project #: 09R61) was proposed by the Oakland Institute of Automotive Technology to demonstrate the conversion and performance of one (1) heavy-duty diesel vehicle to a heavy-duty electric vehicle. The project will result in the reduction of more than 0.19 tons of NOx, ROG and PM per year. Staff recommends awarding \$123,437 to this advanced technology demonstration project from TFCA Regional Fund revenues, as described in Attachment 3.

Attachment 4 lists all the FY 09/10 TFCA Regional Fund projects that have been awarded funding as of September 9, 2010. Attachment 4 also summarizes the allocation of funding by equipment category (Figure 3), and county (Figure 4).

More than 32% of the TFCA funds allocated to eligible projects have been awarded to projects that reduce surplus emissions in highly impacted Bay Area communities.

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: Karen Schkolnick and Anthony Fournier
Reviewed by: Damian Breen

Attachment 1: Recommended CMP projects with individual grant awards greater than \$100,000

Attachment 2: Summary of all eligible CMP projects as of 9/9/10

Attachment 3: Recommended FY 09/10 TFCA Regional Fund projects with individual grant awards greater than \$100,000 as of 9/9/10

Attachment 4: Summary of FY 09/10 TFCA Regional Fund approved projects as of 9/9/10

Attachment 1:

BAAQMD Year 12 Carl Moyer Program/ MSIF projects with grant awards greater than \$100k
(Evaluated between 6/11/2010 and 9/9/2010)

Project #	Applicant name	Equipment category		Proposed contract award	NOx (TPY)	ROG (TPY)	PM (TPY)	County
12MOY4	Andy Poncia (fertilizer/farm support)	Off-road	The replacement of one (1) off-road diesel powered loader.	\$ 115,887.00	0.790	0.133	0.040	Sonoma
12MOY18	Don Moreda JR. (dairy)	Off-road	The replacement of one (1) off-road diesel powered loader.	\$ 115,900.00	0.318	0.087	0.035	Sonoma
12MOY19	Skalli Corporation DBA St. Supery	Agriculture	The repower of nine (9) agricultural irrigation pump engines.	\$ 187,170.00	4.396	0.528	0.156	Napa
12MOY22	ST Francis Winery & Vineyards	Off-road	The replacement of four (4) off-road diesel powered tractors.	\$ 122,062.00	0.412	0.086	0.030	Sonoma
12MOY26	Gerald & Kristy Spaletta (dairy)	Off-road	The replacement of one (1) off-road diesel powered loader.	\$ 108,517.00	0.645	0.110	0.033	Sonoma
				\$ 649,536.00	6.561	0.944	0.293	

Attachment 2

Table 1: Summary of all CMP Yr 12/ MSIF approved projects (5/3/10 to 9/9/10)

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	\$ 33,750.00	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	Board	Sonoma
12MOY7	Agriculture	Engine repower	1	\$ 21,179.00	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	Board	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	Board	Napa
12MOY26	Off-road	Equipment replacement	1	\$ 108,517.00	Gerald & Kristy Spaletta (dairy)	0.645	0.110	0.033	Board	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	Board	Sonoma
12MOY9	Off-road	Equipment replacement	1	\$ 31,260.00	Deniz Dairy	0.379	0.068	0.018	APCO	Sonoma
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
VIP26	VIP	Truck replacement	1	\$ 20,000.00	Gary S. Petersen	0.288	0.007	0.010	APCO	Sonoma
VIP27	VIP	Truck replacement	1	\$ 30,000.00	GS Trucking	0.436	0.011	0.015	APCO	Alameda
30 Projects			45	\$ 1,706,980.00		16.566	1.775	5.146		

Figure 1: CMP/ MSIF Funding Distribution by Equipment Category as of 9/9/10

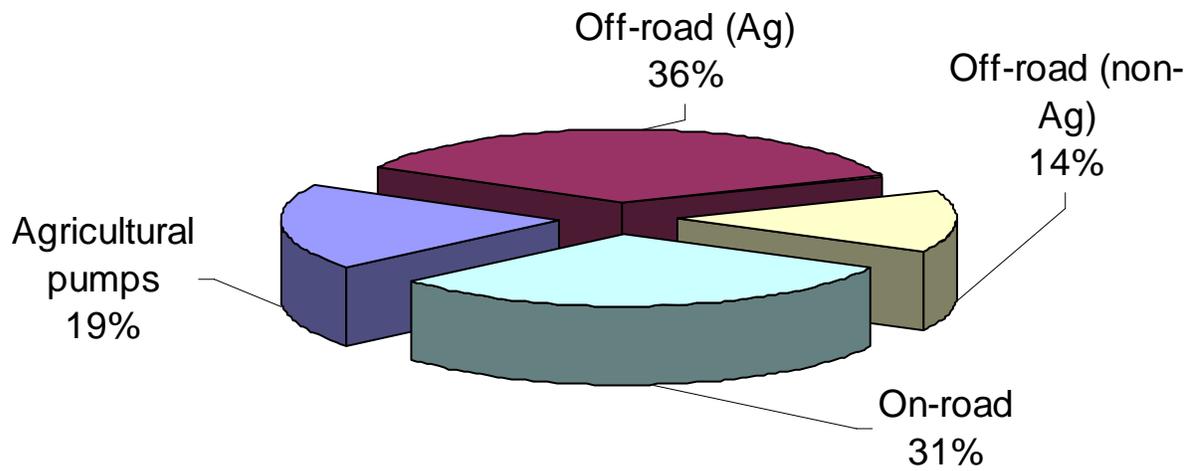
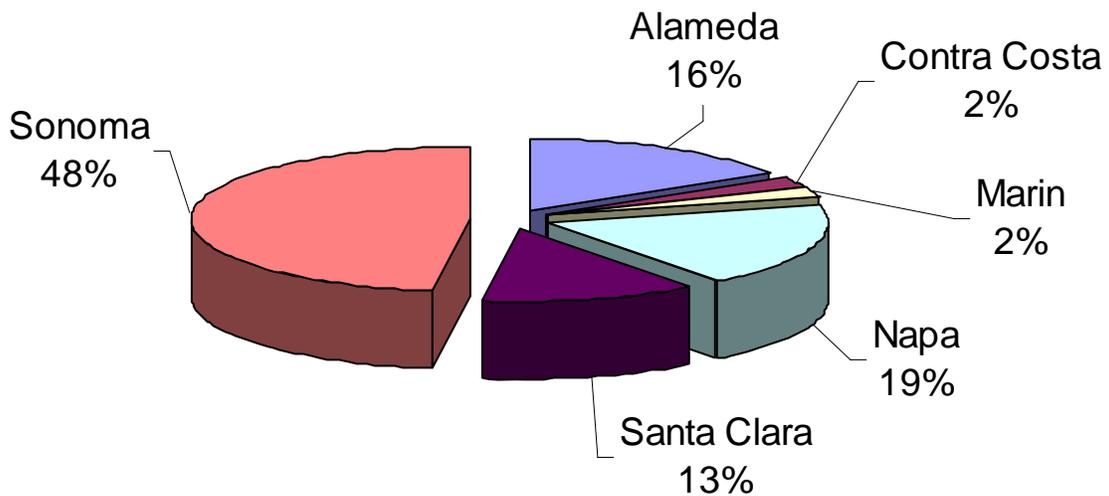


Figure 2: CMP/ MSIF Funding Distribution by County as of 9/9/10



ATTACHMENT 3: Recommended FY 09/10 TFCA Regional Fund Projects with Grant Awards Greater Than \$100,000 (as of 9/9/10)

Project #	Project Sponsor	Project Title and Type	TFCA \$ Awarded	CO2 (TPY)	NOX (TPY)	ROG (TPY)	PM (TPY)	C/E	Score	AB 1390 Designation	County
09R61	Oakland Institute of Automotive Technology	Convert (1) Heavy Duty Diesel Vehicle to a Heavy Duty Electric Vehicle (EV)	\$ 123,437	78.93	0.18	0.01	0.00	\$ 149,975	66%	AB 1390	Alameda

ATTACHMENT 4: Summary of FY 09/10 TFCA Approved Projects (as of 9/9/10)

Project #	Project Sponsor	Project Title	TFCA \$ Awarded	CO2 (TPY)	NOX (TPY)	ROG (TPY)	PM (TPY)	Score %	Board Approval Date	County	Project Type
09BFP01	City of Oakland	Class II and III Bikeways on E.12th Street	\$ 10,500	n/a	n/a	n/a	n/a	n/a	APCO	Alameda	Bike
09BFP02	City of Oakland	Class II and III Bikeways on 14th Street, MacArthur Boulevard, and Fruitvale Avenue	\$ 57,000	n/a	n/a	n/a	n/a	n/a	APCO	Alameda	Bike
09BFP03	City of Daly City	Southgate Avenue Class II Bicycle Lane Gap Closure	\$ 25,500	n/a	n/a	n/a	n/a	n/a	APCO	San Mateo	Bike
09BFP04	City of Petaluma	Class III Bicycle Routes in Petaluma	\$ 103,311	n/a	n/a	n/a	n/a	n/a	APCO	Sonoma	Bike
09BFP05	City of San Carlos	Class III Bicycle Route on Old County Road	\$ 18,150	n/a	n/a	n/a	n/a	n/a	APCO	San Mateo	Bike
09BFP06	City of San Jose	San Jose Citywide Bicycle Racks Installation	\$ 14,880	n/a	n/a	n/a	n/a	n/a	APCO	Santa Clara	Bike
09BFP10	City of Santa Rosa Department of Public Works	Class II Bicycle Lane on Coffey Lane	\$ 23,100	n/a	n/a	n/a	n/a	n/a	APCO	Sonoma	Bike
09BFP12	San Francisco Municipal Transportation Agency	San Francisco Citywide Bicycle Racks Installation	\$ 84,000	n/a	n/a	n/a	n/a	n/a	APCO	San Francisco	Bike
09BFP13	San Francisco Municipal Transportation Agency	Class II Bicycle Lane on John Muir Drive	\$ 66,900	n/a	n/a	n/a	n/a	n/a	APCO	San Francisco	Bike
09BFP15	San Francisco Municipal Transportation Agency	Class II Bicycle Lane on Great Highway/Point Lobos Avenue	\$ 15,300	n/a	n/a	n/a	n/a	n/a	APCO	San Francisco	Bike
09BFP16	Alameda County Public Works Agency	Class II Bicycle Lane on Greenville Road	\$ 30,000	n/a	n/a	n/a	n/a	n/a	APCO	Alameda	Bike
09BFP17	Alameda County Public Works Agency	Class II Bicycle Lane on Marina Avenue	\$ 85,000	n/a	n/a	n/a	n/a	n/a	APCO	Alameda	Bike
09BFP18	Alameda County Public Works Agency	Class II Bicycle Lane on Foothill Boulevard	\$ 67,859	n/a	n/a	n/a	n/a	n/a	APCO	Alameda	Bike
09R05	Santa Clara Valley Transportation Authority	ACE Shuttle Bus Program	\$ 960,000	7,242.80	6.09	5.32	3.68	79%	10/7/09	Santa Clara	S-RS
09R06	San Joaquin Regional Rail Commission	ACE Shuttle - Route 54	\$ 50,000	950.10	0.71	0.75	0.51	77%	10/7/09	Alameda	S-RS
09R07	San Joaquin Regional Rail Commission	ACE Shuttle - Route 53	\$ 44,000	318.00	0.31	0.27	0.18	65%	10/7/09	Alameda	S-RS
09R08	Metropolitan Transportation Commission	511 Rideshare Program	\$ 1,050,000	29,410.00	24.75	22.29	14.88	84%	10/7/09	9 County	S-RS
09R09	Livermore Amador Valley Transit Authority	Route 1A/B BART Shuttle	\$ 59,750	143.80	0.23	0.24	0.11	60%	10/7/09	Alameda	S-RS
09R10	Associated Students, San Jose State University	SJSU Ridesharing and Trip Reduction	\$ 120,000	1,213.70	1.07	1.02	0.62	79%	10/7/09	Santa Clara	S-RS
09R11	Peninsula Corridor Joint Powers Board	Caltrain Shuttle	\$ 1,000,000	5,811.30	4.62	4.90	3.04	76%	10/7/09	San Mateo	S-RS
09R12	City of Redwood City	Redwood City Commuter Shuttle	\$ 15,000	142.00	0.11	0.10	0.07	93%	10/7/09	San Mateo	S-RS
09R13	San Francisco General Hospital	SFGH Pilot Shuttle	\$ 50,122	416.80	0.44	0.41	0.24	94%	10/7/09	San Francisco	S-RS
09R14	City of Oakland	Oakland Waterfront - Uptown Pilot Shuttle	\$ 498,500	1,980.40	1.80	1.75	1.01	85%	10/7/09	Alameda	S-RS
09R15	Clean Energy	Liquefied Natural Gas Station	\$ 200,000	28.40	0.30	0.02	-	69%	2/3/10	Alameda	Alt Fuel
09R16	County of Santa Clara	Compressed Natural Gas Station & (3) CNG Sedans	\$ 204,105	36.15	0.29	0.03	-	67%	2/3/10	Santa Clara	Alt Fuel

ATTACHMENT 4: Summary of FY 09/10 TFCA Approved Projects (as of 9/9/10)

Project #	Project Sponsor	Project Title	TFCA \$ Awarded	CO2 (TPY)	NOX (TPY)	ROG (TPY)	PM (TPY)	Score %	Board Approval Date	County	Project Type
09R17	Santa Clara Valley Industries	(11) Compressed Natural Gas Refuse Trucks	\$ 275,000	46.22	2.20	-	-	71%	6/2/10	Santa Clara	Alt Fuel
09R18	County of Santa Clara	(1) Compressed Natural Gas Security Transfer Bus	\$ 36,000	20.69	0.08	-	-	77%	APCO	Santa Clara	Alt Fuel
09R19	Livermore Sanitation	(3) Compressed Natural Gas Refuse Trucks	\$ 73,497	20.50	0.23	-	-	74%	APCO	Alameda	Alt Fuel
09R20	Mission Trail Waste Systems	(23) Compressed Natural Gas Refuse Trucks	\$ 426,503	171.05	3.84	1.92	-	75%	2/3/10	Santa Clara	Alt Fuel
09R21	Oakland Port Services Corp., dba AB Trucking	(6) Natural Gas Port Trucks	\$ 297,000	97.95	1.10	-	-	71%	2/3/10	Alameda	Alt Fuel
09R22	Sonoma County Transit	(2) Compressed Natural Gas Transit Buses	\$ 80,000	62.57	0.58	-	-	81%	APCO	Sonoma	Alt Fuel
09R23	South SF Scavenger., INC	(4) Compressed Natural Gas Refuse Trucks	\$ 80,000	24.87	0.28	-	-	76%	APCO	San Mateo	Alt Fuel
09R24	UC Davis Fleet	(1) Compressed Natural Gas Bus	\$ 41,350	10.93	0.09	-	-	61%	APCO	ALA, CC, SOL	Alt Fuel
09R25	WM of Alameda County, Inc.	(31) Compressed Natural Gas Refuse Trucks	\$ 500,000	683.35	8.40	-	-	91%	2/3/10	Alameda	Alt Fuel
09R26	Yellow Cab/Clean Energy Finance	(25) Compressed Natural Gas Taxis	\$ 75,000	-	0.11	0.19	-	82%	APCO	San Francisco	Alt Fuel
09R27	Breathe California for Silicon Valley Clean Cities	US Department of Energy - Clean Cities Coalition Outreach (SV)	\$ 25,000	9.72	0.04	0.02	-	72%	APCO	9 County	Alt Fuel
09R28	East Bay Clean Cities Coalition	US Department of Energy - Clean Cities Coalition Outreach (EB)	\$ 25,000	9.72	0.04	0.02	-	72%	APCO	9 County	Alt Fuel
09R29	SF Environment	US Department of Energy - Clean Cities Coalition Outreach (SF)	\$ 25,000	18.93	0.13	0.02	-	72%	APCO	9 County	Alt Fuel
09R30	Better Place	(30) Electric Vehicle Charge Points	\$ 30,000	101.31	0.00	0.00	0.00	77%	APCO	Santa Clara	Alt Fuel
09R31	City of Palo Alto	(6) Electric Vehicle Charge Spots	\$ 12,000	20.26	0.00	0.00	0.00	68%	APCO	Santa Clara	Alt Fuel
09R32	City & County of San Francisco	(60) Electric Vehicle Charge Spots	\$ 100,000	202.62	0.03	0.04	0.01	84%	APCO	San Francisco	Alt Fuel
09R33	City of Santa Rosa	(14) Plug-in Hybrid Electric Vehicle Conversions & (20) Electric Vehicle Charge Points	\$ 45,811	10.54	0.00	0.00	0.00	71%	APCO	Sonoma	Alt Fuel
09R35	County of Santa Clara	(40) Electric Vehicle Charge Points	\$ 85,720	135.08	0.02	0.03	0.00	75%	APCO	Santa Clara	Alt Fuel
09R36	County of Sonoma	(30) Plug-in Hybrid Electric Vehicle Conversions & Electric Vehicle Charge Points	\$ 81,173	35.89	0.00	0.00	0.00	69%	APCO	Sonoma	Alt Fuel
09R37	County of Alameda	(15) Hybrid Vehicles & (4) NEV	\$ 43,816	2.29	0.01	0.02	0.00	66%	APCO	Alameda	Alt Fuel
09R39	County of Alameda	(40) Electric Vehicle Charge Points	\$ 84,760	135.07	0.02	0.03	0.00	72%	APCO	Alameda	Alt Fuel
09R40	Friendly Cab	(20) Ford Escape Hybrids	\$ 80,000	220.66	0.04	0.06	0.01	81%	APCO	Alameda	Alt Fuel
09R41	City of Palo Alto	(1) Medium Duty Vehicle	\$ 16,000	-	0.00	0.00	0.00	60%	APCO	San Mateo	Alt Fuel
09R42	City of Palo Alto	(1) Heavy Duty Vehicle Purchase	\$ 77,000	4.40	0.12	0.00	-	60%	APCO	San Mateo	Alt Fuel

ATTACHMENT 4: Summary of FY 09/10 TFCA Approved Projects (as of 9/9/10)

Project #	Project Sponsor	Project Title	TFCA \$ Awarded	CO2 (TPY)	NOX (TPY)	ROG (TPY)	PM (TPY)	Score %	Board Approval Date	County	Project Type
09R43	East Bay Regional Parks	(3) Medium Duty Vehicle Purchase	\$ 24,400	-	0.00	-	0.00	68%	APCO	San Mateo	Alt Fuel
09R44	Pacific Gas & Electric	(46) E-PTO Hybrid Utility Trucks Demonstration	\$ 403,803	1,011.88	0.84	0.02	0.01	76%	6/2/10	Contra Costa	ATD
09R45	Devine Intermodal	(1) Heavy Duty Vehicle Purchase - Hydrogen	\$ 96,723	146.68	0.19	0.01	0.00	71%	APCO	Alameda	ATD
09R46	City of Berkeley	Berkeley Transit Action Plan	\$ 100,000	1,681.60	1.20	1.15	0.85	79%	APCO	Alameda	S-RS
09R47	University of California Berkeley UCB Transportation Sustainability Research Center TSRC	TSRC Richmond High-Pressure Hydrogen Fueling Facility and Fuel-Cell-Vehicle Demo	\$ 99,900	267.03	0.01	0.01	0.00	79%	APCO	Alameda	ATD
09R48	OptaMotive Systems, LLC	OptaMotive EV Systems Demonstration	\$ 95,000	46.29	0.00	0.00	0.00	63%	APCO	Santa Clara	ATD
09R49	City CarShare	New Plug In 10kwh conversion	\$ 27,600	110.55	0.00	0.00	0.00	62%	APCO	San Francisco	ATD
09R50	Better Place	Zero Emission Electric Taxi Project	\$ 470,000	1,179.21	0.05	0.07	0.01	70%	8/4/10	Santa Clara	ATD
09R51	Priority Parking	(10) Electric Vehicle Charging Spots	\$ 21,390	236.39	0.01	0.01	0.00	66%	APCO	San Francisco	Alt Fuel
09R52	ProPark	(20) Charging stations	\$ 42,730	472.78	0.01	0.01	0.00	82%	APCO	ALA, SF	Alt Fuel
09R53	Triad Campus IV LLC	(5) Electric Vehicle Charging Spots	\$ 10,000	118.19	0.00	0.00	0.00	66%	APCO	Alameda	Alt Fuel
09R54	Citrix	(6) Charging Points	\$ 12,000	141.83	0.00	0.00	0.00	70%	APCO	Santa Clara	Alt Fuel
09R55	City of Redwood	(14) Charge Spots	\$ 20,000	330.94	0.01	0.01	0.00	88%	APCO	San Mateo	Alt Fuel
09R56	Best Buy	(50) Charging Stations	\$ 89,073	1,181.94	0.03	0.04	0.01	85%	APCO	MAR, ALA, SC, SF	Alt Fuel
09R57	Donnelly Kerley	(20) Charging Station	\$ 33,150	472.78	0.01	0.01	0.00	71%	APCO	San Mateo	Alt Fuel
09R58	SAP	(16) Electric Vehicle Charging Spots	\$ 32,000	378.22	0.01	0.01	0.00	72%	APCO	Santa Clara	Alt Fuel
09R59	McDonalds	(54) Electric Vehicle Charging Spots	\$ 98,004	1,276.50	0.03	0.04	0.01	83%	APCO	ALA, CC	Alt Fuel
09R60	350 Green	(12) Electric Vehicle Charge Spots and (6) DC Fast Chargers	\$ 99,996	1,403.40	0.04	0.05	0.01	69%	APCO	SF, SM, SC	Alt Fuel
Total			\$ 9,244,376	52,578.21	60.32	40.62	25.23				

Figure 3: FY 09/10 TFCA Funds Awarded - By County *

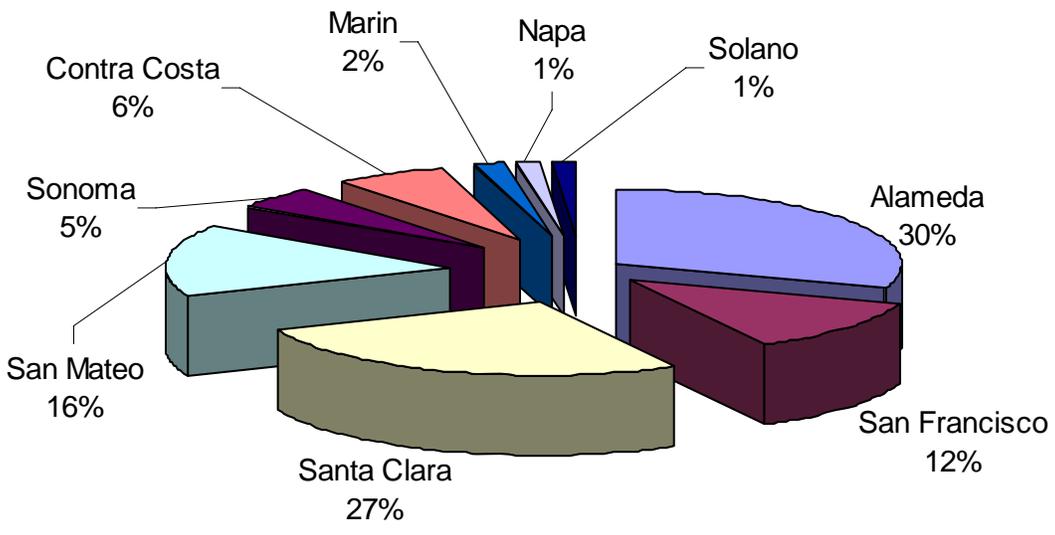
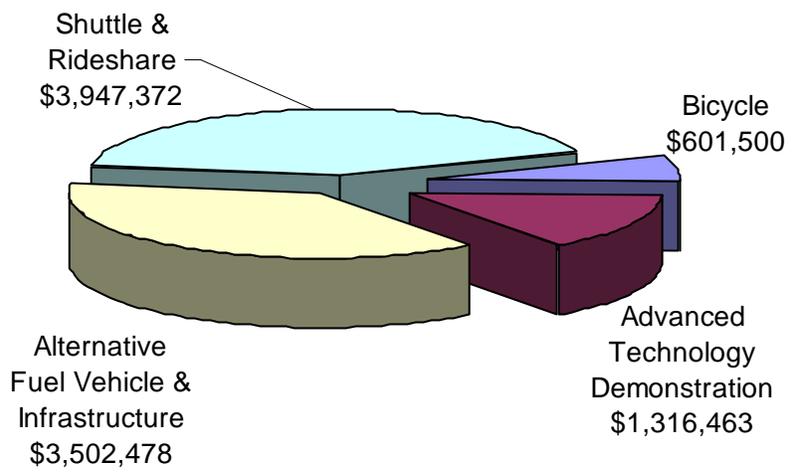


Figure 4: FY 09/10 TFCA Funds Awarded - By Project Type **



*Advanced Technology Demonstration projects have a cost-effectiveness threshold of \$500,000/ton of criteria pollutants reduced

** Includes all projects listed in Attachments 3 and 4

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: September 14, 2010

Re: Update on the California Goods Movement Bond (I-Bond) Truck Program

RECOMMENDED ACTION:

Staff is requesting that the Committee recommend to the Board of Directors (Board):

- Approval of a resolution allowing the Executive Office/APCO to execute all necessary contracts with the California Air Resources Board (ARB) to accept up to an additional \$700,000 in reallocated I-Bond funding for On-road truck projects.

BACKGROUND

For Year 1 of the I-Bond program, the Bay Area Air Quality Management District (Air District) received \$35 million in funding. The majority of this initial allocation has been designated for the retrofit and replacement of trucks. The following table provides the current allocations of Year 1 I-Bond funding:

Table 1 -Summary of Year 1 I-Bond Allocations

Project Type	Funding requested
Trucks at Ports and Intermodal Railyards*	\$13.7 million
On-road Goods Movement Trucks*	\$17.4 million
Shore-power – APL Oakland	\$3.4 million
Administration	\$1.5 million
*retrofits and replacements	Total \$35 million

As part of this report, staff will update the committee on the success of the Port truck program, current efforts being undertaken as part of the On-road truck program and the availability of additional reallocated I-Bond funding to the Air District.

DISCUSSION

Drayage Truck Emissions Reduction Program

In May 2009, the Air District launched its port truck emissions reduction program with the goal of retrofitting and replacing 1,000 trucks at the Port of Oakland (Port). Since that time, Air District staff has been faced with numerous challenges including shifting programmatic deadlines, unavailability of state funds, administering and meeting the extensive requirements of the four sets of funding associated with \$25 million raised for the program, and lastly, a number of last-minute changes to expand the scope and

objectives of the program. On August 31, 2010, staff processed the final payments for the program ending the initial phase of its execution. As of that date, the program had retrofitted or replaced 1,521 trucks (1,318 retrofits and 203 replacements).

Additionally, emissions in excess of 0.03 tons per day in toxic diesel particulate matter (DPM) have been reduced by this program. Annually, this represents a reduction of 14 tons of DPM per year or 82% of the annual emissions reported by the Port as part of its 2005 inventory for drayage trucks. These figures have been borne out by the Air District's enforcement program at the Port which has identified greater than 95% compliance rate with the ARB's drayage truck regulation via their inspection activities.

Program Costs

While this program has had excellent results, they have not come without significant costs and administrative challenges to the Air District. In order to meet the extensive requirements of this program staff has committed over 24,000 person-hours (including over 500 overtime hours) and \$1.9 million to ensure the successful execution of the program. The scale of this commitment dwarfs the entire sum of the administrative commitment to all of the other Air District grants programs and has required delays in the rollout of the Year 1 On-Road Truck Program.

Additionally, there are two more phases of this program still to go, specifically reporting and project closeout. The administrative costs of this program will increase. Staff is currently discussing with ARB how to budget for these costs based on the requirements of the I-Bond program.

On-road Truck Program

Air District staff launched the On-Road Truck Program on September 1, 2010, by notifying approximately 800 eligible grantees from the Year 1 I-Bond application pool of the availability of funding. As part of this notification, staff detailed the additional documentation that is required to be submitted by grantees in order to update the applications they submitted in September 2008. Since that time staff has been corresponding with grantees to prepare them to submit the required information. In order to further assist these individuals with their questions and the accurate submission of updated information, the Air District established an On-road truck resource center at the Hayward airport on September 13, 2010. This center is staffed by grants and inspection staff and will provide a venue to answer trucker questions, execute grant contracts and perform pre-inspections in the coming months. These services will also be provided in multiple languages to assist individual owner operators.

Completed information is required to be submitted by September 23, 2010. Staff will begin the information entry, ranking, pre-inspection and granting processes with a view to executing contracts beginning in late October/early November 2010.

Additional Year 1 Funding

Due to issues identified by ARB with the San Diego County Air Pollution Control District's (SDCAPCD) execution of the I-Bond program, approximately \$4.5 million

has become available for redistribution Statewide. However, it should be noted that this reallocation is not intended to be permanent. Agencies that have performed to the required standards in the execution of their grant programs are being selected to expend this funding in order that it does not revert to the State legislature. This means that should the Air District accept this funding, a proportional amount will be deducted from the future allocation to the Bay Area trade corridor.

This future deduction will be based on the ability of SDCAPCD to execute its future programs effectively and the availability of State funds. Therefore staff is recommending that the Board of Directors adopt a resolution to authorize the Executive Officer/APCO to accept this funding now and apply it to emissions reductions that can be achieved immediately in the Bay Area.

Also, staff is recommending that the approximately, \$700,000 of funding that will be available to the Air District be used to perform additional On-road truck retrofits and replacements. This recommendation is based on the fact that On-road trucks comprise the bulk of the health risk in the Bay Area, the fact that the On-road truck program is currently over subscribed (\$19 million in requests for \$17.4 million in funding) and that this funding must be encumbered by December 31, 2010.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

Accepting the additional \$700,000 in funding from Year 1 of the I-Bond program would require an amendment to the fiscal year (FY) 10/11 budget. However, as this funding is supplied with additional administrative costs, there will be no increased burden on the FY 10/11 budget. With Board approval and upon receipt of this funding, staff will refer the budget amendment to the Board's Budget and Finance Committee.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Damian Breen
Reviewed by: Jean Roggenkamp

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RESOLUTION No. 2010 -

**A Resolution of the Board of Directors of the Bay Area Air Quality Management
Accepting Goods Movement Emission Reduction Program Funds
From the California Air Resources Board**

WHEREAS, under Government Code, Section 8879.23, subdivision (c), paragraph (2), funds are appropriated to the California Air Resources Board (ARB) for allocation on a competitive basis for projects that are shown to achieve the greatest emission reductions from activities related to the movement of freight along California's trade corridors;

WHEREAS, California Health and Safety Code, Section 39625 et seq. empowers ARB to allocate Goods Movement Emission Reduction Program ("Program") funds to local public entities, such as the Bay Area Air Quality Management District (District), to provide financial incentives to reduce emissions associated with the movement of freight along California's trade corridors;

WHEREAS, in May 2008, ARB awarded the first installment of \$250 million to local agencies, which are currently implementing emission reduction projects under the Program;

WHEREAS, under the guidelines of the program, ARB's has the ability to allocate additional funds to any trade corridor based on nonperformance in another area;

WHEREAS, in September 2010, the ARB notified the Air District that it has available up to an additional \$700,000 in California Goods Movement Bond Funding for redistribution to the Bay Area trade corridor;

WHEREAS, the District wishes to accept this funding for existing Program Year 1 Goods Movement Bond projects pursuant to the ARB invitation;

WHEREAS, ARB requires each public agency to include in its request for additional monies a signed or proposed resolution authorizing receipt of Program funding;

NOW, THEREFORE, BE IT RESOLVED, the Board of Directors hereby authorizes the District to enter into an agreement with ARB, to accept additional Program Year 1 goods movement Bond funds, and provide matching funds (if any are required) under the fiduciary control of the District that are identified in a District project funding demonstration.

BE IT FURTHER RESOLVED, the Executive Officer is the District representative authorized to sign and submit the local agency project application.

BE IT FURTHER RESOLVED, the Executive Officer is the District representative authorized to execute the District's project grant agreement between ARB and the District.

BE IT FURTHER RESOLVED, the Executive Officer is the District representative authorized to execute an equipment project contract between the District and equipment owner.

BE IT FURTHER RESOLVED, the Executive Officer is the District representative authorized to sign Grant Expenditure Requests and delegate signature authorization to others. 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 _____, 2010 by the following vote of the Board:

AYES:

NOES:

ABSENT:

Brad Wagenknecht
Chairperson of the Board of Directors

ATTEST:

John Gioia
Secretary of the Board of Directors

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: September 16, 2010

Re: Update on Bicycle Programs

RECOMMENDED ACTION:

Recommend Board of Directors:

- Approve the allocation of \$1.4 Million in Transportation Fund for Clean Air (TFCA) Regional Funds from FY 09/10 to support a pilot Bicycle Share Program.

BACKGROUND

The Bay Area is currently not attaining State and Federal ambient air quality standards for ground-level ozone and particulate matter. In the Bay Area, the transportation sector accounts for more than 50% of “criteria” pollutants, including reactive organic gases (ROG) and oxides of nitrogen (NO_x), both of which are ozone precursors, and particulate matter (PM), and for more than 40% of greenhouse gas (GHG) emissions. Within the transportation sector, more than 50% of ROG, NO_x, and PM, and approximately 70% of GHG emissions are generated by on-road vehicles. Therefore, significant emission reductions from the on-road transportation sector are key to the Bay Area’s attainment of air quality standards, to improving public health and to climate protection.

Recently the Metropolitan Transportation Commission (MTC) initiated development of the regions’ strategy to meet regional GHG reduction commitments under Senate Bill 375. Completion of the Bay Area’s bicycle network will be a key element of this strategy. In support of this effort, staff is proposing to administer a pilot bicycle-sharing program to expand and complement existing bicycle facility programs including class I, II, and III bikeways, and bicycle parking.

DISCUSSION

During the past 5 funding cycles, the Bay Area Air Quality Management District (Air District) has awarded approximately \$15 million in TFCA funding, including Regional and Program Manager Funds, to support the expansion of bicycle facilities in the Bay Area. On June 6, 2010, the Air District Board of Directors approved the proposed Fiscal Year (FY) 2010/2011 TFCA Regional Fund Policies for Bicycle Facility Projects and a set-aside of up to \$600,000. At that time, the Mobile Source Committee requested that staff take action to investigate regional interest in bike-sharing programs, options for funding bike-sharing programs and the bulk purchase of bicycle infrastructure (racks and/or lockers). Based on stakeholder and Board input, staff is currently exploring options for initiating a bulk purchase of bicycle infrastructure (lockers and/or racks) and a continuation of TFCA Regional Funds to support expansion of bikeways in the Bay Area.

Also in response to the Committee's direction, on August 13, 2010, the Air District submitted a \$5.15 million proposal to the MTC for a project to pilot bike-sharing in partnership with the Santa Clara Valley Transportation Authority (VTA), SamTrans, San Francisco Municipal Transportation Agency, and the cities of San Francisco, Redwood City, Mountain View, Palo Alto, and San Jose. This pilot project proposes to deploy 1,000 bicycles at up to 100 kiosk stations along the peninsula transportation corridor in five cities. This collaborative, regional project builds on existing efforts to reduce vehicle miles travelled within Bay Area communities and supports recommendations identified in regional and local urban plans. Among the outcomes of the Project, the Air District will research, test, and evaluate sustainable program financing models, including private-public partnerships. The results from the Project will be used to inform the development of a regional bike-sharing strategy useful for expanding the program in the pilot cities and for replicating the program in other targeted Bay Area communities. The Project will also include an extensive outreach component that will encourage transportation mode shift to sustainable transportation alternatives with a focus on bicycling. In order to fund this \$7.9 million project, staff is requesting up to \$1.4 million from remaining FY 09/10 TFCA Regional Funds as match to the \$5.15 million application to MTC, and \$1.34 million match from partner agencies.

The pilot will complement other Bay Area sustainable transportation alternative efforts, including Alameda County's Sustainable Pathways Initiative proposal to the EPA Climate Showcase Grant Program. This proposal will implement a suite of services, programs and outreach, including a bicycle-sharing component, in order to increase the health and vitality of Alameda County's employees and residents.

Also, as part of the development of the bicycle-share proposal, staff surveyed representatives from the nine Bay Area Congestion Management Agencies (CMAs) regarding their interest in pursuing bike-sharing. At this time, most CMAs, with the exception of the San Francisco County Transportation Authority and the VTA, are focused primarily on the expansion of traditional bicycle facility projects within their communities. However, overall, the CMAs are interested in the bicycle-sharing concept and are eager to learn from the proposed pilot.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

None. The Air District distributes "pass-through" funds to public agencies and private entities on a reimbursement basis. Administrative costs for the TFCA program are provided by the funding source.

Respectfully submitted,

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