

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

APPROVED MINUTES

Summary of Board of Directors
Mobile Source Committee Meeting
Thursday, September 23, 2010
9:30 a.m.

- CALL TO ORDER:** Chairperson Scott Haggerty called the meeting to order at 9:30 a.m.
- Roll Call: Scott Haggerty, Chairperson; Directors Tom Bates, Carole Groom, Vice-Chairperson; Eric Mar, Nate Miley, Mark Ross and Brad Wagenknecht, Board Chairperson
- Absent: Director Jennifer Hosterman, Director Carol Klatt and Director Gayle B. Uilkema

Public Comments: There were no public comments

Approval of Minutes: Mobile Source Committee Meeting of June 30, 2010

Committee Action: Director Miley made a motion to approve the June 30, 2010 Mobile Source Committee minutes; seconded by Director Ross, carried unanimously without objection.

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

Damian Breen, Director of Strategic Incentives, gave the staff presentation and provided an overview of the Carl Moyer Program with proposed 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)**
 - 5 Projects to replace 16 engines
 - \$649,536 in total awards
 - Emission reductions: Over 7 Ton Per Year (TPY) of criteria pollutants

Mr. Fournier continued with the presentation showing the Total Year 12 CMP/MSIF and Voucher Incentive Program (VIP) funds awarded as of September 9, 2010 included:

Sonoma	48%
Alameda	16%
Contra Costa	2%
Marin	2%
Napa	19%
Santa Clara	13%
Agricultural Pumps	19%
Off-Road (Ag)	35%
Off-Road (Non-Ag)	13%
On-Road	33%

Mr. Fournier continued by providing additional information about the TFCA Regional Fund FY 2009/2010 which included:

- District Board of Directors allocated \$11,601,500 in set asides
- 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 – 09R61 to demonstrate the conversion and performance of one heavy-duty diesel vehicle to a heavy-duty electric vehicle
 - \$123,437 in total awards*
 - Estimated emissions reductions: Over 0.19 TPY of criteria pollutants and 78 TPY of CO2
- Total funds awarded to date \$9,367,813 (* includes project 09R61)

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

Summary of all the TFCA Regional Funds Awarded as of September 9, 2010 included:

- Contra Costa 6%
- Marin 2%
- Napa 1%
- Solano 1%
- Alameda 30%
- San Francisco 12%
- Santa Clara 27%
- San Mateo 16%
- Sonoma 5%

Summary of all the TFCA Regional Funds Awarded by project type as of September 9, 2010 included:

- Shuttle Rideshare - \$3,947,372
- Bicycle - \$601,500
- Advanced Technology Demonstration - \$1,316,463
- Alternative Fuel Vehicle & Infrastructure - \$3,502,478

The value of the projects is approximately \$8.3 million.

Committee Comments/Questions:

Director Miley asked about Oakland's Automotive Technology if the amount granted was the initial amount that was requested. Karen Schkolnick, Air Quality Program Manager informed the Committee this amount granted is the amount that made them cost effective and makes the project viable based on its criteria.

Director Ross asked about the small amount of 2% for Contra Costa County and asked if this was due to complications or projects not meeting the requirements. Mr. Breen informed the Committee that many vehicle projects throughout the counties will not be eligible for funding until the January 2011 timeframe. Mr. Breen further stated that during the January timeframe the numbers may increase.

Staff recommended that the Committee request the Board of Directors approve the Carl Moyer Program 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 and TFCA FY 2009/2010 projects.

Public Comments: None.

Committee Action: Director Miley made a motion to recommend Board of Directors' approval of Carl Moyer Program 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 and TFCA FY 2009/2010 projects; Director Ross seconded the motion, carried unanimously without objection.

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

Damian Breen, Director of Strategic Incentives, gave the staff report, on the California Goods Movement Bond (I-Bond) Truck Program. Mr. Breen provided an overview to the Committee.

Summary of Year 1 I-Bond Allocations include the following:

<u>Project Type</u>	<u>Funding Requested</u>
Trucks at Ports and Intermodal Railyards*	\$13.7 million
On-Road Goods Movement Trucks*	\$17 million
Shore-Power – APL Oakland	\$2.8 million
Administration	\$1.5 million
*Retrofits and Replacements	Total
	\$35 million

Mr. Breen continued with information on the Drayage Truck Program which included:

- **Original Goal:** Retrofit or Replace 1,000 Oakland Port by 1/1/10
- **Funding:** \$25 million (Port, USEPA, Air District, I-Bond)
- **Challenges:**
 - Shifting Regulatory Deadlines
 - Unavailability of State Funds
 - Four sets of Administrative Guidelines
 - Last-minute changes in program scope

Original Program:

- Took 1.5 years to prepare and execute
- Scheduled for completion on January 1, 2010

Final Program:

- Based on Board of Directors request for additional funding/flexibility for Port Truckers
- Added an additional 50% to the number of trucks to be retrofit or replaced
- Completed in 0.5 years

Results:

- 1,521 trucks retrofitted or replaced (1,318 retrofits and 203 replacements)
- Over 95% compliance rate with ARB Reg.

Mr. Breen informed the Committee that the costs associated with this project and that it is important that the Committee understand both the physical and monetary costs associated with handling a large program. This program is approximately three times the size of any other program that is currently by the Air District.

Project costs:

- Over 24,000 staff hours (500 overtime hours)
- \$1.9 million in Administrative Costs
- Additional phases of the project yet to come
- Staff working with ARB on future costs
- Delays in On-road truck program

Mr. Breen continued by reporting that the On-Road Truck Program is up and moving and which included:

- Mail Out to Grantees on September 1, 2010
- Hayward Airport Truck Center opened on September 13, 2010

- All Updated project information due on September 23, 2010
- Staff to provide support in multiple languages

Lastly, Mr. Breen providing the Committee with an update of Reallocated Funds which displays the following:

- Issues with San Diego County Air Pollution Control District (SDCAPCD) Administration and Expenditure of funding
- \$4.5 million available for disbursement statewide
- Approximately \$700,000 earmarked for Bay Area trade corridor
- Funding will be deducted from future allocation provided State bonds become available
- Funding must be encumbered by January 1, 2011

Committee Comments/Questions: None.

Public Comments: None.

Committee Action: Director Ross made a motion to recommend Board of Directors' approval of a resolution allowing the Executive Officer/APCO to execute all necessary contracts with the California Air Resources Board (CARB) to accept up to an additional \$700,000 in reallocated I-Bond funding for On-Road Truck projects; Director Groom seconded the motion, carried unanimously without objection.

Update on Bicycle Programs

Karen Schkolnick, AQ Program Manager, gave the staff report.

Background:

- Bay Area is in nonattainment for Ozone and PM2.5 ambient air quality standards
- Transportation sector accounts for more than:
 - 50% of "criteria" pollutants emissions
 - 40% of greenhouse gas (GHG) emissions
- Over the past five years, approximately \$15 million allocated via BAAQMD's Transportation Fund For Clean Air (TFCA) Regional and Program Manager Fund programs to support Class I, II, and III Bikeways, and Bicycle Parking (Bicycle Projects)

Ms. Schkolnick continued illustrating two different lockers which are secured to store bicycles. In addition the City of Alameda sponsored a project where they converted bicycles lockers into electronic lockers.

Ms. Schkolnick continued stating that the bike lanes are grouped into three classifications which include the following:

- Class I – Separate paths that provide separated right of way access, exclusive use for bicycles and pedestrians
- Class II – Designated lanes that are separated by a striped lane and dedicated for bicycle use, but shared with motor vehicles
- Class III – Bicycles that share the road with the vehicles and signage which shows that it is a preferred route for cyclists.

Ms. Schkolnick continued with the presentation providing the Committee with an update on the TFCA Regional and County Program Manager Fund Program. Over the past five years, the Air District has assisted to provide funding for:

- **More than 124 miles of bikeways**
 - Class I – 22.73
 - Class II – 67.21
 - Class III – 34.84

- **More than 8,000 bike parking spaces**
 - Lockers – 681
 - Racks – 6,972
 - Secure Parking (cage) – 415

** Data from Regional Fund (FY 06/07 – 09/10BFP), County Program Manager (FY 04/05-08/09)*

Ms. Schkolnick stated that the Air District is quite pleased with the results of the program, but noting that more can be done.

On June, 6, 2010, the Board of Directors allocated up to \$600,000 to continue supporting the various types of bicycle projects, which include Class I, Class II and Class III. At the June 30, 2010 Mobile Source Committee, it was requested that staff investigate the following:

- Regional interest in Bicycle-Sharing
- Options for funding Bicycle-Sharing, and
- Bulk purchase of Bicycle Infrastructure

In response to the Committee's request, staffed has explored further support bicycling opportunities in our region. The Air District recently supported:

Local Efforts

- Sustainable transportation alternative efforts:
 - Alameda County's Sustainable Pathways Initiative proposal for the United States Environmental Protection Agency - Climate Showcase Grant Program
 - VTA Synergy
- Congestion Management Agencies interested in Bicycle sharing, primarily focused on traditional Bicycle Facility projects

Regional Efforts

- Metropolitan Transportation Commission (MTC) includes completion of a regional bicycle network as an element that will be used to meet its SB 375 GHG reduction targets

In addition to the Committee's request, the Air District researched further opportunities for Bike Sharing and the Bulk Purchase Infrastructure and opportunities to fund bike sharing. Staff submitted an application for \$5.15 million to MTC for a regional Bike-Sharing Pilot to deploy 1,000 bicycles at up to 100 kiosk stations along the peninsula transportation corridor in five cities. Total project cost is estimated to \$7.9 million.

Staff is requesting \$1.4 million from FY 09/10 TFCA Regional Funds as a match for the \$5.14 million application to MTC, and \$1.34 million match from partner agencies.

Lastly, the bulk purchase for infrastructure, staff is currently exploring options for initiating a bulk purchase of bicycle lockers and/or racks.

Staff recommended the Committee recommend the Board of Directors approve an allocation of \$1.4 million in Transportation Fund for Clean Air (TFCA) funds, from FY 09/10 to support a pilot Bicycle Share Program.

Ms. Schkolnick concluded her presentation.

Committee Comments/Questions:

Chairperson Haggerty stated he noticed that MTC was interested in the Bike Sharing program this year but did not feel confident that it is moving forward. Mr. Breen stated that the awards were submitted in early October. At the Mobile Source Committee meeting on October 28th staff will request the Committee approve acceptance of the bike sharing funding. Chairperson also requested the names of participating agencies. Ms. Schkolnick responded the include VTA, San Francisco MTA, also the cities of Redwood City, Sam Trans and San Mateo County Transportation Authority. Jean Roggenkamp, Deputy Air Pollution Control Officer continued that the participating agencies that had either already applied with MTC and/or were already working bike sharing pilots already. She further stated that MTC requested that all the entities work together for a unified goal.

Mr. Breen further stated that the idea of the pilot program is similar to Alameda County is doing with its Electric Vehicle RFP is that other counties and communities will be able to join as the project rolls out. He also stated the pilot program will initially establish a model for cities and counties to be able to access whether or not if this feasible for them and to give them an idea of costs.

Chairperson Haggerty expressed his enthusiasm and hopes the Air District work with BART to put the bicycles for checkout inside the stations to ensure the bikes are also secured.

Director Bates asked about the dollar amount left, Mr. Breen responded that there is approximately \$1.4 million comes from the previous fiscal year, and as the program moves forward, there is still all the allocations from this year, which is \$11 million, with \$1 million coming from the Spare the Air Everyday Campaign and \$1 million from the Smoking Vehicle Campaign. With \$9 million remaining, \$2.5 million is committed to an Electric Vehicle Program, \$600,000 for the Bicycle Program which includes Classes I, II and III, which includes the bicycle lockers. \$4 million reserved for shuttles which will be presented to the Committee as its next meeting, requesting approximately \$1.5 million for an Advanced Technology Program later in the year.

Director Bates stated the City of Berkeley had a similar program and the bicycles were stolen and inquired if there will be measures taken for the purpose of identification. Ms. Schkolnick stated this pilot program is similar to the programs in Paris and other countries which include the latest generation of programmed with the method of checking bicycles out or reserving bicycles through smart phones, internet or at various kiosks, which will allow you to check out a bike using a credit card, so these bicycles can be tracked.

Director Bates also asked if helmets are provided with the use of a bicycle. Mr. Breen informed the Committee that helmets are not provided.

Director Miley asked if the Air District is considering supporting a project influencing youth to bike in an effort to make biking more of a lifestyle. Mr. Breen stated that it is part of the curriculum being taught at schools. Chairperson Haggerty also stated that a grant was

presented to MTC for Alameda County to have a truck visit various schools to repair bikes, provide new bikes on board along with helmets and additional items.

Director Miley further stated that this may be an incentive for youth to get bicycles to bike to school, and in turn, promotes continuing this as a lifestyle.

Director Ross expressed the District secure a spot on Treasure Island and provide shuttle services to come across the bridge. Mr. Breen commented the District would explore this further to see if this is possible.

Public Comments: None.

Committee Action: Director Miley made a motion to recommend Board of Directors' approval allocate \$1.4 million in TFCA Regional Funds from FY 09/10 to support a pilot Bicycle Share Program; Director Mar seconded the motion, carried unanimously without objection.

Committee Member Comments: None.

Next Meeting: Thursday, October 28, 2010 at 9:30 a.m.

Adjournment: Meeting adjourned at 10:20 a.m.

/s/ Vanessa Johnson
Vanessa Johnson
Executive Secretary