



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

TIM SMITH - CHAIR  
TOM BATES  
JERRY HILL  
PATRICK KWOK  
GAYLE B. UILKEMA

JAKE McGOLDRICK – VICE CHAIR  
SCOTT HAGGERTY  
CAROL KLATT  
JOHN SILVA

WEDNESDAY  
OCTOBER 31, 2007  
9:30 A.M.

FOURTH FLOOR CONFERENCE ROOM  
DISTRICT OFFICES

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 SEPTEMBER 27, 2007**
4. **TRANSPORTATION FUND FOR CLEAN AIR (TFCA) REGIONAL FUND GRANT AWARDS FOR FY 2007/2008**  
**J. Colbourn/5192**  
[jcolbourn@baaqmd.gov](mailto:jcolbourn@baaqmd.gov)  
*The Committee will consider recommending Board of Directors' approval to allocate available FY 2007/2008 TFCA Regional Funds.*
5. **UPDATE ON STATE-WIDE GOODS MOVEMENT EMISSION REDUCTION PROGRAM**  
**J. McKay/4629**  
[jmckay@baaqmd.gov](mailto:jmckay@baaqmd.gov)  
*Staff will provide an update to the Committee on the State-Wide Goods Movement Emission Reduction Program.*
6. **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).*
7. **TIME AND PLACE OF NEXT MEETING:** *At the Call of the Chair*

8. **ADJOURNMENT**

**CONTACT CLERK OF THE BOARDS - 939 ELLIS STREET  
SAN FRANCISCO, CA 94109**

**(415) 749-4965  
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 Clerk's Office should be given at least three working days prior to the date of the meeting so that arrangements can be made accordingly.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Smith and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: October 17, 2007

Re: Mobile Source Committee Draft Minutes

RECOMMENDED ACTION:

Approve attached draft minutes of the Mobile Source Committee meeting of September 27, 2007.

DISCUSSION

Attached for your review and approval are the draft minutes of the September 27, 2007, Mobile Source Committee meeting.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

**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  
9:30 a.m., Thursday, September 27, 2007

**1. Call to Order – Roll Call:** Board Chair Mark Ross called the meeting to order at 9:34 a.m.

**Present:** Tim Smith, Chair (9:40 a.m.), Scott Haggerty (9:42 a.m.), Carol Klatt, Patrick Kwok, Gayle B. Uilkema (10:17 a.m.).

**Absent:** Tom Bates, Jerry Hill, Jake McGoldrick, John Silva.

**Also Present:** Board Chair Mark Ross, Janet Lockhart (9:42 a.m.), Pamela Torliatt (9:50 a.m.).

**2. Public Comment Period:** There were none.

**3. Approval of Minutes of July 18, 2007:** Approval of the minutes was deferred until a quorum was present.

**4. Vehicle Buy Back Program – Annual Report:** *The Committee received the 2007 annual report on the Vehicle Buy Back Program, including a report on dismantlers' advertising rates.*

Susan Adams, Acting Manager, Grant Programs, presented the report and provided an overview of the Vehicle Buy Back (VBB) Program and updated the Committee on fiscal year 2005/2006 activities. An average of 426 vehicles are scrapped per month. Ms. Adams stated that there is a declining buy back rate due to fewer eligible vehicles and a declining demand since the last program expansion. Ms. Adams reviewed the advertising costs and the direct mail campaign.

Committee Chair Tim Smith arrived at 9:40 a.m.

In conclusion, Ms. Adams stated that the VBB Program continues to be a cost-effective way to reduce emissions; purchasing rates have been declining in recent years; and current advertising reimbursements to vehicle dismantlers are reasonable.

Directors Janet Lockhart and Scott Haggerty arrived at 9:42 a.m.

Director Ross requested information regarding the geographic areas where the cars being dismantled come from.

**Committee Action:** None. This report provided for information only.

- 5. Vehicle Buy Back Program – Regulation Amendments, Proposed Changes to the Program, Direct Mail Contract Increase:** *The Committee considered staff recommendations that the Board of Directors 1) incorporate the amended Voluntary Accelerated Light-Duty Vehicle Retirement (VAVR) Program regulations into the VBB Program, 2) approve a change in the eligibility requirement, 3) authorize the amendment of the current dismantler contracts, and 4) authorize an increase in the contract amount by \$111,000 to continue the program's direct mail campaign.*

Ryan Bell, Environmental Planner, presented the report and provided an overview of the Air Resources Board's (ARB) Voluntary Accelerated Vehicle Retirement (VAVR) regulation amendments. To comply with the VAVR regulations, the VAVR amendments would be incorporated into the Air District Vehicle Buy Back (VBB) Program and the dismantler contracts would be amended to add these new requirements.

Director Pamela Torliatt arrived at 9:50 a.m.

Mr. Bell outlined recommended changes to the District's VBB Program that would include model year 1986 and 1987 as eligible vehicles. All program changes would be implemented by February 2008. Mr. Bell discussed the VBB direct mail campaign and stated that the Direct Mail Center contract approved in September 2006 contained an option for a 1-year renewal. Additional funds are requested to continue the direct mail campaign through November 2008.

Staff recommended the following:

- Incorporation of the amended VAVR regulations into the District's VBB Program;
- Modification of the eligibility requirements to include 1987 and older vehicles;
- Authorization to amend the dismantlers contracts to incorporate these changes; and
- Allocation of an additional \$111,000 to Direct Mail Center to continue the direct mail campaign.

In response to a question from Director Haggerty regarding Suburbans and similar vehicles, Mr. Bell stated that a spot check was conducted of vehicle types and that vehicles like the Surburban would qualify as a light-duty vehicle. Vehicles similar to the Excursion would not qualify because of their weight.

**Committee Action:** Director Kwok moved the staff recommendations; seconded by Director Haggerty; carried unanimously without objection.

- 6. Transportation Fund for Clean Air – Amendment to Santa Clara Program Manager Expenditure Program:** *The Committee considered staff recommendation that the Board of Directors approve an allocation of Santa Clara County Program Manager funds.*

David Wiley, Supervising Environmental Planner, presented the report and stated that \$526,684 of the fiscal year 2007/2008 Transportation Fund for Clean Air (TFCA) expenditure program for the Santa Clara County Program Manager remains unallocated. The Program Manager has proposed a project at the San Jose International Airport that would increase the number of vehicles using CNG instead of conventional fuels by upgrading the Airport's CNG station.

Staff recommended that the Committee recommend Board of Directors approval of an amendment to the TFCA Santa Clara County Program Manager fiscal year 2007/2008 expenditure program, to allocate \$526,684 in TFCA County Program Manager funds for expanding CNG fueling opportunities at the San Jose International Airport.

**Speaker:** The following individual spoke on the agenda item:

Bill Hough  
Santa Clara VTA  
San Jose, CA 95134

**Committee Action:** Director Haggerty moved the staff recommendation; seconded by Director Kwok; carried unanimously without objection.

**7. Air Quality Performance Targets for the Regional Transportation Plan (RTP) Update (T2035):** *The Committee received an update on the Metropolitan Transportation Commission's RTP along with the Air District's recommendations on performance targets.*

Henry Hilken, Director of Planning, Rules & Research, introduced the item and stated that the Metropolitan Transportation Commission (MTC) is updating the Regional Transportation Plan. This is an important planning process for the region's efforts to reduce ozone precursors, PM and greenhouse gases (GHG). As part of the RTP update process, MTC is looking at various alternatives and will be conducting an analysis of how the alternatives meet various performance objectives, some of which are air quality objectives.

David Burch, Principal Environmental Planner, presented the update and reviewed the approach MTC will take in developing the RTP (T2035). MTC will define a vision and what policies will achieve that vision. Scenarios for strategic expansion will also be defined.

Mr. Burch provided an overview of the scenario performance targets: 1) economy (congestion); 2) equity (affordability); and 3) environment (vehicle miles traveled and emissions). CO<sub>2</sub> performance targets were discussed and the Air District's recommended target is to reduce CO<sub>2</sub> emissions 40% below 1990 levels by 2035. The Air District's recommended PM performance targets include reducing PM<sub>2.5</sub> by 10% and PM<sub>10</sub> by 45%.

In conclusion, Mr. Burch stated that CO<sub>2</sub> and PM reduction targets are based on established benchmarks and will help to protect public health and the environment. The Air District will work with MTC to define strategies to help achieve the CO<sub>2</sub> and PM emission reduction targets. The RTP milestones are as follows:

- Phase 1: define Vision by December 2007
- Phase 2: financial and technical analysis through September 2008
- Phase 3: review draft Plan, hold hearings, and adopt the RTP by February 2009

Director Gayle B. Uilkema arrived at 10:17 a.m.

There was general discussion on the RTP, the need for benchmarks, and the proposed targets.

- 3. Approval of Minutes of July 18, 2007:** A quorum being present, Director Ross moved approval of the minutes; seconded by Director Haggerty; carried unanimously without objection.
- 8. Committee Member Comments/Other Business:** There were none.
- 9. Time and Place of Next Meeting:** 9:30 a.m., Thursday, October 25, 2007 – 939 Ellis Street, San Francisco, CA 94109
- 10. Adjournment:** The meeting adjourned at 10:20 a.m.

Mary Romaidis  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

To: Chairperson Tim Smith and  
Members of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: October 22, 2007

Re: Transportation Fund for Clean Air Regional Fund Grant Awards for FY 2007/2008

**RECOMMENDED ACTIONS**

Consider recommending Board of Directors approval of Staff Recommendations for:

- 1) Fiscal year (FY) 2007/2008 TFCA Regional Fund grant awards listed in Attachment 1, totaling \$10,348,655; and
- 2) Reallocation of any funds remaining from the \$1,000,000 in FY 2007/2008 TFCA Regional Funds set aside for clean-air vehicle advanced technology demonstration projects back to the TFCA Regional Fund.

**BACKGROUND**

Pursuant to California Health and Safety Code Sections 44241 and 44242, the Air District has imposed a \$4 per vehicle annual surcharge on all motor vehicles registered within the boundaries of the Air District<sup>a</sup>. This surcharge is the funding source for the Air District's program known as the Transportation Fund for Clean Air (TFCA). TFCA revenues are awarded to public agencies and non-public entities to implement eligible projects that reduce motor vehicle emissions and support the implementation of selected transportation and mobile source control measures in the Air District's strategies to achieve state and national air quality standards.

By law, 60% of TFCA revenues after audit costs are allocated by the Air District; this portion is known as the TFCA Regional Fund. Portions of the TFCA Regional Fund are earmarked for eligible programs implemented directly by the Air District, including the Smoking Vehicle Program, the Spare the Air Program, and the Vehicle Buy Back Program. The balance is allocated on a competitive basis to eligible projects proposed by eligible project sponsors.

On April 4, 2007, the Board allocated \$1,000,000 in FY 2007/2008 TFCA Regional Funds to clean-air vehicle advanced technology demonstration projects. On May 2, 2001, the Board allocated \$2,000,000 in TFCA Regional Funds to zero-emission bus projects,

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<sup>a</sup> Revenues from an additional \$2 surcharge in motor vehicle registrations, authorized by Assembly Bill 923, are not part of TFCA. These revenues are used to implement the Air District's Mobile Source Incentive Fund (MSIF), which provides incentives for the implementation of additional mobile source projects.



including \$500,000 of the \$1,000,000 that was set aside for advanced technology demonstration projects.

The Air District received 67 grant applications totaling approximately \$17.5 million in funding requests for the FY 2007/2008 TFCA Regional Fund competitive process. Ten grant applications were found to be ineligible because they did not meet program policies, and one grant application was withdrawn by its sponsor. Thirty-seven projects met all the relevant eligibility criteria, including cost-effectiveness. Staff is recommending awarding grants totaling approximately \$10.3 million to 37 eligible projects. Attachment 1 lists the projects recommended for TFCA Regional Fund grant awards.

## DISCUSSION

A discussion of the TFCA Regional Fund process follows.

### **TFCA Regional Fund Schedule**

The milestone dates of the grant application and review process are outlined below.

<b>Action</b>	<b>Date</b>
Issue Application Guidance	April 30, 2007
Application Workshop	May 15, 2007
Application Submittal Deadline	June 29, 2007
Evaluation of Applications	July 2 - October 17, 2007

### **Evaluation Criteria**

The Board-adopted criteria to score and rank TFCA Regional Fund grant applications for FY 2007/2008 are shown in Table 1. The evaluation criteria emphasize cost effectiveness in reducing emissions by allotting 60% of the total possible points to this criterion. Cost effectiveness is calculated by dividing the total TFCA funds proposed for the project by a factor representing the estimated lifetime emission reductions for the project, yielding TFCA funds per ton of reduced emissions. The Board-approved cost effectiveness threshold is currently \$90,000/ton of reduced emissions.

**Table 1: FY 2007/2008 TFCA Regional Fund Scoring Criteria**

<b>Criteria</b>	<b>Maximum Points</b>
1. TFCA Cost Effectiveness	60
2. Greenhouse Gas Emission Reductions	10
3. Other Project Attributes--	10
4. Clean Air Policies and Programs	10
5. Sensitive and Particulate Matter-Impacted Communities	10
<b>Total</b>	<b>100</b>

The Board establishes minimum point scores for projects to be eligible to receive TFCA Regional Funds. For the FY 2007/2008 funding cycle, the minimum scores are 40 points for public agency projects and 36 points for non-public entity projects. The intent of this policy is to assure that TFCA funding is provided only to projects that achieve an acceptable level of cost effectiveness and benefit to the region.

**Returned and Withdrawn Grant Applications**

Staff reviewed the applications to determine eligibility, based on compliance with all relevant policies adopted by the Board to govern the TFCA program. Table 2 provides a listing of grant applications that were returned because they were deemed as not eligible for funding based on one or more of the Board-adopted policies.

**Table 2: Returned Grant Applications**

Sponsor	Project	Reason
Barone Trucking Service Inc.	Barone Fleet Replacement Project	Did not comply with TFCA Regional Fund Policy #11 re: readiness to proceed.
Charlie the Handy Man	Medium Duty Engine Replacement	Did not comply with TFCA Regional Fund Policy #26 re: requirement for repowers to reduce emissions by at least 15% below the emission standards for the existing engine.
City of Benicia	Install Level 3 Particulate Devices on 13 Benicia Breeze Buses	Did not comply with TFCA Regional Fund Policy #4 re: identification of sufficient resources to complete project.
Cooper Trucking	Heavy Duty Truck Fleet Modernization	Did not comply with TFCA Regional Fund Policy #10 re: maximum grant amount.
George Maciel, Inc. (4 applications)	Heavy Duty Vehicle Projects - Vehicles #4, #5, #21, #48	Did not comply with TFCA Regional Fund Policy #26 re: requirement for repowers to reduce emissions by at least 15% below the emission standards for the existing engine.
Kadon Trucking	Kadon Fleet Emissions Reductions	Did not comply with TFCA Regional Fund Policy # 25, which does not allow TFCA funds to cover more than the incremental cost of the clean air vehicle. In addition, proposed engine did not comply with Application Guidance.
Marty Skoff Trucking	Heavy Duty Engine Repowers & Retrofit	Did not comply with TFCA Regional Fund Policy # 10 re: maximum grant amount.

One project sponsor withdrew its grant application. The University of California, Santa Cruz withdrew a grant application for a vanpool to San Francisco because the project was not ready to proceed.

**Available Funds**

TFCA Regional Funds totaling approximately \$11.9 million are available for allocation in FY 2007/2008. These funds consist of anticipated receipts from motor vehicles registered in the Air District during calendar year 2007, interest on TFCA Regional Funds, and funds

from previously approved projects that closed under budget or were canceled. Table 3 provides a summary of the total TFCA Regional Funds available.

**Table 3: FY 2007/2008 TFCA Regional Funds**

Source/Program	Amount	Comment
1. Projected CY 2007 DMV Receipts	\$22,164,789	Based on CY 2006 actual receipts.
2. FY 2007/08 District Admin. Cost	\$1,629,196	Per adopted Air District budget including indirect costs.
3. FY 2007/08 County Program Manager Funds	\$8,214,237	(Line 1 minus Line 2) times 0.40.
4. New FY 2007/08 Funds Available for Regional Fund	\$12,321,356	Line 1 minus Line 2 minus Line 3.
5. Projected CY 2007 Regional Fund Interest	\$1,437,273	Based on CY 2006 actual Regional Fund interest.
6. Total Available New Funds for Regional Fund	\$13,758,629	Line 4 plus Line 5.
7. Returned Funds (as of 8/30/07)	\$4,395,133	Canceled projects, projects completed under budget, projects needing less funding than allocated by Board.
8. Clean Air in Motion Program	\$1,924,132	Alameda & Santa Clara Program Manager funds to Vehicle Buy Back program
9. Total Regional Funds	\$20,077,894	Line 6 plus Line 7 plus Line 8
10. FY 2007/08 Board-Approved District Projects	\$8,197,841	Smoking Vehicle \$1,008,902
		Spare The Air \$1,761,961
		Bicycle Facility Program \$600,000
		Vehicle Buy Back \$1,924,132
		Zero-Emission Buses \$2,000,000
		Air District Overhead \$902,846
11. Total Available for FY07/08 Regional Fund Grant Awards	\$11,880,053	Line 9 minus Line 10
12. Recommended Regional Fund Grant Awards	\$10,348,655	37 TFCA Regional Fund Projects

### Project Funding

Thirty-seven projects, totaling approximately \$10.3 million in funding requests, achieved the relevant minimum point score and complied with the \$90,000 per ton cost-effectiveness threshold. Attachment 1 lists the final project scores and ranking for the eligible projects.

Air District staff plans to provide an opportunity for sponsors of applications that were not cost-effective but were otherwise eligible and complete to request a lower amount of funding and compete for remaining FY 2007/2008 Regional Funds. Staff plans to contact applicable sponsors regarding this opportunity, and would bring any cost-effective projects forward for Committee and Board approval at a later date.

## Projects Not Recommended for Funding

Attachment 2 lists the projects that are not recommended for funding because they did not achieve the minimum point score required – 40 points for public agencies or 36 points for non-public entities.

## Emission Reductions

The 37 projects recommended for funding will result in estimated emission reductions of 303 tons of ozone precursors and particulate matter (PM), and over 53,000 tons of carbon dioxide (CO<sub>2</sub>) over the life of the projects. The resulting average cost effectiveness estimated for these projects is \$30,800/ton<sup>b</sup>.

## Grant Allocations Summary

Table 4 shows the funding, by project type, for the 37 projects not administered by the Air District that are recommended to receive TFCA Regional Fund grant awards and are shown on Attachment 1.

**Table 4:**  
**Recommended FY 2007/2008 TFCA Regional Fund Grant Allocations by Project Type**

Project Type	No. of Projects	TFCA \$	% of Total TFCA Regional Fund \$
Diesel Repowers / Retrofits	19	\$4,023,524	39%
Shuttle Buses	5	\$2,113,355	20%
Trip Reduction / Ridesharing Projects	3	\$1,430,000	14%
Transit / School Buses	1	\$750,000	7%
Arterial Management Projects	2	\$647,900	6%
Natural Gas Vehicles	2	\$590,811	6%
Light-Duty Vehicles	3	\$369,950	4%
Smart Growth Projects	2	\$423,115	4%
<b>Totals</b>	<b>37</b>	<b>\$10,348,655</b>	<b>100%*</b>

\* Total may not add to 100% due to rounding.

In addition, \$499,800 of the \$500,000 remaining from the FY 2007/2008 TFCA Regional Funds that were set aside for advanced technology demonstrations are recommended for allocation, to a hydrogen and compressed natural gas project. The second recommended

<sup>b</sup> TFCA dollars per ton of emissions reduction (ozone precursors and weighted particulate matter). The cost effectiveness calculations used for project evaluation includes a weighted factor of 20 for the reduction of tailpipe particulate matter emissions, consistent with the California Air Resources Board Carl Moyer Program guidelines.

action would free up the remaining \$200, and any funds realized from advanced technology demonstration projects that were completed under budget or were cancelled, for other TFCA Regional Fund purposes.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer /APCO

Prepared by: David Wiley  
Reviewed by: Jack M. Colbourn

**ATTACHMENT 1**  
**TFCA Regional Fund Grant Applications - FY 2007/2008**  
**Project Scores and Ranking - Projects Recommended for Funding**

Proj #	Cnty (1)	P/N (2)	Sponsor	Project Description	Yrs Eff	TFCA \$ Per Ton (3)	TFCA \$ Awarded	Cumulative Total \$	CRITERIA POINT SCORES					TOTAL SCORE
									TFCA Funding Eff	Green- house Gas ER	Other Attrib.	Clean Air Pol.	Sens. & PM Impact	
07R59	SF	P	San Francisco International Airport	Purchase 14 minibuses powered by blend of 80% compressed natural gas and 20% hydrogen fuel.	10	\$17,949	\$499,800	\$499,800	60	1	10	10	4	85
07R60	SF	P	San Francisco International Airport	Purchase 27 compressed natural gas vans.	5	\$12,376	\$198,450	\$698,250	60	0	4	10	8	82
07R18	ALA	P	Metropolitan Transportation Commission	Implement the Regional Rideshare Program, which provides coordinated carpool and vanpool formation assistance and information in transportation alternatives such as Bike to Work Day, Rideshare Thursday, and Spare the Air.	1	\$22,275	\$1,000,000	\$1,698,250	58	1	6	10	3	78
07R69	SF	P	San Francisco Municipal Transportation Agency	Re-stripe, and re-time lights on, 7th Avenue between Laguna Honda Boulevard and Lincoln Way in San Francisco to reduce traffic lanes from three to two to improve pedestrian and bicycle safety and public transit access.	20	\$29,955	\$36,000	\$1,734,250	55	2	6	10	5	78
07R42	SF	P	San Francisco International Airport	Retrofit 19 Diesel Buses with PM/NOx Level 3 emission reduction devices.	5	\$11,840	\$806,431	\$2,540,681	60	0	0	10	7	77
07R71	SON	N	Industrial Carting	Retrofit 11 existing heavy-duty vehicles with Level 3 PM emission control devices.	5	\$7,067	\$465,800	\$3,006,481	60	0	0	0	10	70
07R61	SON	P	Sonoma County Transit	Replace 10 1996 compressed natural gas (CNG) buses with new CNG buses.	13.5	\$27,603	\$750,000	\$3,756,481	56	2	0	10	2	70
07R28	SF	P	County of San Francisco	Purchase 51 gasoline-electric hybrid and 24 compressed natural gas light-duty vehicles.	4	\$48,152	\$157,500	\$5,073,338	45	0	8	9	8	70
07R45	CC	N	Construction Transport Services, Inc.	Repower one 1988 Heavy-duty truck with 2006 engine with diesel particulate filter.	7	\$2,696	\$29,999	\$3,786,480	60	0	0	0	9	69
07R37	ALA	N	George Maciel, Inc. Sub of Alviso Rock, Inc.	Retrofit one vehicle with Level 3 PM/NOx emission control device.	5	\$7,680	\$29,343	\$3,815,823	60	0	0	0	9	69
07R36	ALA	N	George Maciel, Inc. Sub of Alviso Rock, Inc.	Retrofit one vehicle with Level 3 PM/NOx emission control device.	5	\$9,645	\$27,712	\$3,843,535	60	0	0	0	9	69
07R70	MAR	N	Cooper Crane & Rigging Inc.	Repower two heavy duty trucks with reconditioned engines.	7	\$6,488	\$80,136	\$3,923,671	60	0	0	0	8	68

(1) REG = regional/multi-county.

(2) Public/Non-Public Entity.

(3) TFCA\$ divided by est. lifetime ER (ozone precursors and weighted PM). May include TFCA County Program Manager funds.

**ATTACHMENT 1**  
**TFCA Regional Fund Grant Applications - FY 2007/2008**  
**Project Scores and Ranking - Projects Recommended for Funding**

Proj #	Cnty (1)	P/N (2)	Sponsor	Project Description	Yrs Eff	TFCA \$ Per Ton (3)	TFCA \$ Awarded	Cumulative Total \$	CRITERIA POINT SCORES					TOTAL SCORE
									TFCA Funding Eff	Green- house Gas ER	Other Attrib.	Clean Air Pol.	Sens. & PM Impact	
07R54	SON	N	John Benward Company, Inc.	Repower four heavy-duty trucks with new diesel engines.	7	\$5,424	\$340,000	\$4,263,671	60	2	0	0	6	68
07R35	ALA	N	Foster Farms Dairy	Retrofit one diesel heavy-duty truck with PM/NOx Level 3 emission reduction device.	5	\$19,730	\$22,917	\$4,286,588	60	0	0	0	7	67
07R12	ALA	P	City of Berkeley	Operation of one peak-period gasoline shuttle bus route from the Ashby BART station to West Berkeley area employers during morning and afternoon peak periods.	1	\$47,244	\$25,000	\$4,311,588	46	2	5	9	4	66
07R65	SM	P	City of Burlingame	Interconnect signals at seven intersections along the Bayshore Highway corridor between Millbrae Avenue and Airport Boulevard in the City of Burlingame.	4	\$16,866	\$147,900	\$4,459,488	60	1	0	3	0	64
07R66	ALA	P	City of Oakland	Implement streetscape improvements along the 0.55 mile portion of 66th Avenue between San Leandro Street and International Boulevard in the City of Oakland.	20	\$61,361	\$387,115	\$4,846,603	39	3	10	3	9	64
07R38	SM	N	South San Francisco Scavenger Co.	Retrofit two trucks with PM/NOx Level 3 emission reduction devices.	5	\$12,882	\$45,668	\$4,892,271	60	0	0	0	3	63
07R32	CC	N	Apple Trucking	Retrofit one heavy-duty diesel truck with PM/NOx Level 3 emission reduction retrofit device.	5	\$21,406	\$23,567	\$4,915,838	59	0	0	0	3	62
07R07	ALA	P	AC Transit	Conduct door-to-door education and marketing of travel options to households in Berkeley (along the San Pablo Avenue and Telegraph Avenue transit corridors) and San Leandro (around the San Leandro BART Station).	1	\$51,990	\$330,000	\$5,403,338	44	3	4	5	6	62
07R56	SOL	N	Universal Environmental	Repower six pre-1990 diesel trucks with new diesel engines.	7	\$9,479	\$360,000	\$5,763,338	60	2	0	0	0	62
07R23	SC	P	San Jose State University	Implement Transportation Solutions, a transportation demand management program which provides alternative commute incentives, such as the University Transit pass program, and ridesharing information to students and employees at San Jose State University.	1	\$58,048	\$100,000	\$5,863,338	40	2	6	8	5	61
07R51	CC	N	R.V. Stich Construction	Repower five diesel construction hauling vehicles.	7	\$3,441	\$140,000	\$6,003,338	60	0	0	0	0	60

(1) REG = regional/multi-county.

(2) Public/Non-Public Entity.

(3) TFCA\$ divided by est. lifetime ER (ozone precursors and weighted PM). May include TFCA County Program Manager funds.



**ATTACHMENT 1**  
**TFCA Regional Fund Grant Applications - FY 2007/2008**  
**Project Scores and Ranking - Projects Recommended for Funding**

Proj #	Cnty (1)	P/N (2)	Sponsor	Project Description	Yrs Eff	TFCA \$ Per Ton (3)	TFCA \$ Awarded	Cumulative Total \$	CRITERIA POINT SCORES					TOTAL SCORE
									TFCA Funding Eff	Green- house Gas ER	Other Attrib.	Clean Air Pol.	Sens. & PM Impact	
07R33	SON	N	C&A Trucking	Retrofit six heavy-duty diesel trucks with PM/NOx Level 3 emission control devices.	5	\$6,273	\$141,400	\$6,144,738	60	0	0	0	0	60
07R40	SON	N	V. Dolan Trucking	Retrofit 13 diesel vehicles with PM/NOx Level 3 emission reduction devices.	5	\$6,422	\$275,730	\$6,420,468	60	0	0	0	0	60
07R53	SF	N	Circosta Iron & Metal	Repower four pre-1990 heavy-duty diesel trucks with engines that meet 2007 standards.	7	\$5,424	\$272,000	\$6,692,468	60	0	0	0	0	60
07R46	MAR	N	Cooper Crane & Rigging Inc.	Retrofit one heavy-duty diesel truck with PM/NOx Level 3 emission control device.	5	\$37,686	\$80,136	\$6,772,604	51	0	0	0	8	59
07R24	SC	P	Santa Clara Valley Transportation Authority	Operate 8 peak-period shuttle bus routes from the Great America ACE train station in Santa Clara to employment sites in Palo Alto, Mountain View, Sunnyvale, Santa Clara, San Jose, & Milpitas using 6 diesel vehicles with ARB certified PM filters.	1	\$60,973	\$960,000	\$7,732,604	39	2	5	10	3	59
07R34	ALA	N	Foster Farms Dairy	Retrofit 20 heavy-duty diesel trucks with PM/NOx Level 3 emission reduction devices.	5	\$36,319	\$366,204	\$8,098,809	51	0	0	0	7	58
07R64	SM	P	City of Belmont	Construct a roundabout at Ralston Avenue and South Road in the City of Belmont to replace a three-way stop at the intersection.	20	\$53,737	\$500,000	\$8,598,809	43	3	5	3	3	57
07R19	SM	P	Peninsula Corridor Joint Powers Board	Operation of 29 peak-period shuttles to/from various Caltrain Stations and employment sites using four compressed natural gas vehicles, 10 gasoline vehicles, and 20 diesel vehicles with ARB-certified PM filters.	1	\$77,759	\$1,034,355	\$9,633,164	31	3	10	9	4	57
07R62	SM	N	South San Francisco Scavenger Co	Replace one heavy-duty diesel truck with a compressed natural gas roll-off truck.	10	\$37,043	\$91,011	\$9,724,175	51	2	0	0	3	56
07R41	CC	P	Contra Costa County	Retrofit five diesel prisoner transport buses with PM/NOx Level 3 emission reduction devices.	5	\$40,472	\$88,500	\$9,812,675	49	0	0	3	4	56

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(2) Public/Non-Public Entity.

(3) TFCA\$ divided by est. lifetime ER (ozone precursors and weighted PM). May include TFCA County Program Manager funds.

**ATTACHMENT 1**  
**TFCA Regional Fund Grant Applications - FY 2007/2008**  
**Project Scores and Ranking - Projects Recommended for Funding**

Proj #	Cnty (1)	P/N (2)	Sponsor	Project Description	Yrs Eff	TFCA \$ Per Ton (3)	TFCA \$ Awarded	Cumulative Total \$	CRITERIA POINT SCORES					TOTAL SCORE
									TFCA Funding Eff	Green- house Gas ER	Other Attrib.	Clean Air Pol.	Sens. & PM Impact	
07R22	ALA	P	San Joaquin Regional Rail Commission	Operation of two peak-period shuttle buses between the Pleasanton ACE train station in downtown Pleasanton and the Dublin/Pleasanton BART Station. The buses will service employment sites located in the Stoneridge Business Park and Bernal Business Park.	1	\$75,151	\$44,000	\$9,856,675	32	3	10	8	2	55
07R21	ALA	P	San Joaquin Regional Rail Commission	Operation of two peak-period shuttle buses between the Pleasanton ACE train station in downtown Pleasanton and the Dublin/Pleasanton BART station. The buses will service employment sites located in the Hacienda Business Park in downtown Pleasanton.	1	\$83,902	\$50,000	\$9,906,675	28	3	10	10	3	54
07R39	ALA	N	Sysco Food Service	Retrofit 21 heavy-duty diesel trucks with PM/NOx Level 3 emission control devices.	5	\$35,613	\$427,980	\$10,334,655	52	0	0	0	0	52
07R29	SM	P	County of San Mateo	Purchase 21 gasoline-electric hybrid light-duty vehicles.	10	\$74,820	\$14,000	\$10,348,655	32	0	8	0	3	43

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**ATTACHMENT 2**  
**TFCA Regional Fund Grant Applications - FY 2007/2008**  
**Projects Not Recommended for Funding**

Proj #	Cnty (1)	P/N (2)	Sponsor	Project Description	Yrs Eff	TFCA \$ Per Ton (3)	TFCA \$ Request	Cumulative Total \$	CRITERIA POINT SCORES					TOTAL SCORE
									TFCA Funding Eff	Green- house Gas ER	Other Attrib.	Clean Air Pol.	Sens. & PM Impact	
07R63	ALA	P	Alameda County Congestion Management Agency	Install Transit Signal Priority system at 5 intersections along the Grand Avenue/MacArthur Boulevard Corridor and install a bus bulb at a separate intersection on Grand Avenue.	4	\$146,330	\$360,000	\$360,000	0	6	5	6	6	23
07R08	REG	P	BART	Provide incentives to BART commuters to take AC Transit bus service to BART.	1	\$133,883	\$175,000	\$535,000	0	5	9	5	5	24
07R09	SOL	P	City of Benicia	Operate a daily regional express bus route (Route 70) seven days a week from 5:00 a.m. to 9:00 p.m. between the Vallejo Ferry Terminal and the Pleasant Hill BART Station.	1	Negative	\$50,000	\$585,000	0	0	10	3	7	20
07R10	SOL	P	City of Benicia	Operation of two 16 passenger peak period shuttle routes from Solano Community College and Downtown Benicia to the Vallejo Ferry and Martinez Amtrak Station.	1	\$355,933	\$100,000	\$685,000	0	9	10	3	7	29
07R67	ALA	P	City of Oakland	Reduce vehicular lanes and implement pedestrian improvements along 7th Street between Union Street and Peralta Street in the City of Oakland.	20	\$103,869	\$400,000	\$1,085,000	0	4	6	3	6	19
07R26	CC	P	City of Pleasant Hill	Purchase four gasoline-electric hybrid light-duty vehicles.	10	\$1,560,297	\$33,268	\$1,118,268	0	0	0	3	0	3
07R13	SM	P	City of Redwood City	Provide peak period shuttle service to Redwood City Caltrain Station, downtown area, Fair Oaks neighborhood and neighborhoods west of El Camino using one diesel bus with an ARB-certified PM filter.	1	\$197,487	\$30,000	\$1,148,268	0	3	10	6	5	24
07R27	SC	P	City of San Jose	Purchase 10 gasoline-electric light-duty vehicles.	10	\$4,127,273	\$240,000	\$1,388,268	0	0	0	3	6	9
07R14	ALA	P	City of San Leandro	Operation of a peak-period weekday shuttle route to/from the San Leandro BART station and the west side of San Leandro.	1	\$139,725	\$80,000	\$1,468,268	0	5	5	3	5	18

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**ATTACHMENT 2**  
**TFCA Regional Fund Grant Applications - FY 2007/2008**  
**Projects Not Recommended for Funding**

Proj #	Cnty (1)	P/N (2)	Sponsor	Project Description	Yrs Eff	TFCA \$ Per Ton (3)	TFCA \$ Request	Cumulative Total \$	CRITERIA POINT SCORES					TOTAL SCORE
									TFCA Funding Eff	Green- house Gas ER	Other Attrib.	Clean Air Pol.	Sens. & PM Impact	
07R68	SON	P	City of Santa Rosa	Upgrade existing traffic signal system to Intelligent Transportation System at nine intersections on Mendocino Avenue between College Avenue and Fountaingrove Parkway in the City of Santa Rosa.	4	\$277,071	\$250,000	\$1,718,268	0	10	4	10	3	27
07R57	SC	P	City of Sunnyvale	Replace two heavy-duty Diesel Collection Vehicles with compressed natural gas vehicles.	10	\$138,979	\$125,184	\$1,843,452	0	0	0	10	0	10
07R58	CC	P	Contra Costa County	Replace one diesel street sweeper with new compressed natural gas street sweeper.	10	\$216,755	\$50,000	\$1,893,452	0	0	0	3	0	3
07R15	SF	P	County of San Francisco	Install one teleconferencing interview terminal that will enable attorneys to conduct interviews with clients located in the San Bruno jail.	1	\$477,915	\$23,000	\$1,916,452	0	10	5	9	0	24
07R16	SF	P	Golden Gate Bridge, Highway & Transportation District	Provide peak-period shuttle bus service connecting Fairfax with the San Rafael Transit Center and the Larkspur Ferry Terminal.	1	Negative	\$480,244	\$2,396,696	0	10	5	10	0	25
07R17	SF	P	Golden Gate Bridge, Highway & Transportation District	Provide peak-period shuttle bus service connecting Novato with the San Rafael Transit Center and the Larkspur Ferry Terminal.	1	\$3,031,308	\$642,704	\$3,039,400	0	10	5	10	2	27
07R31	SON	N	Industrial Carting	Purchase one new compressed natural gas roll-off truck and two new compressed natural gas front-end loaders.	10	N/A	\$465,800	\$3,505,200	0	0	0	0	10	10
07R30	ALA	P	Port of Oakland	Purchase 10 gasoline electric hybrid light-duty vehicles.	10	\$992,133	\$50,000	\$3,555,200	0	0	0	8	6	14
07R20	SF	P	Presidio Trust	Operation of five 26-passenger compressed natural gas bus routes from the Presidio to the Embarcadero BART station, Transbay Bus Terminal and the San Francisco Ferry Building.	1	\$159,277	\$100,000	\$3,655,200	0	7	10	10	0	27
07R52	SM	N	Thomas Rials	Replace one 1984 heavy-duty diesel truck with 2007 heavy-duty diesel truck.	10	\$135,984	\$53,600	\$3,708,800	0	3	0	0	0	3

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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Smith and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: October 21, 2007

Re: Update on State-Wide Goods Movement Emission Reduction Program

RECOMMENDED ACTION:

Receive and file.

BACKGROUND

The Goods Movement Emission Reduction Program is a partnership between the Air Resources Board (ARB) and local agencies (such as air districts, ports, and transportation agencies) to protect public health through the administration of \$1 billion in State incentives for cleaner equipment and technologies associated with freight movement. In the first phase, ARB will allocate \$250 million in bond monies received in the Fiscal Year 2007-08 budget.

DISCUSSION

Air District staff has met with ARB and has attended initial workshops. Staff will update the committee on the information obtained to date, and will also discuss planned actions.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Jeff McKay