



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

SCOTT HAGGERTY - CHAIR  
JOHN AVALOS  
CAROLE GROOM  
CAROL KLATT

MARY PIEPHO – VICE CHAIR  
TOM BATES  
DAVID HUDSON  
LIZ KNISS  
NATE MILEY

**THURSDAY  
FEBRUARY 21, 2013  
9:30 A.M.**

**7<sup>TH</sup> FLOOR BOARD ROOM  
939 ELLIS STREET  
SAN FRANCISCO, CA 94109**

**AGENDA**

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

2. **PUBLIC COMMENT PERIOD**

*(Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at District headquarters, 939 Ellis Street, San Francisco, CA, at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.*

3. **APPROVAL OF MINUTES OF JANUARY 24, 2013**

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

**D. Breen/5041**

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

*The Committee will consider recommending Board of Directors' approval of Carl Moyer and 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. **AIR DISTRICT GRANT PROGRAMS OVERVIEW**

**D. Breen/5041**

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

*The Committee will receive an informational report on grant funds allocated by the Air District in calendar year 2012, and projected funding availability and proposed priorities for grant programs in calendar year 2013.*

6. **FUNDING FOR FISCAL YEAR ENDING (FYE) 2013 TFCA REGIONAL FUND SHUTTLE PROJECTS**

**D. Breen/5041**

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

*Staff will provide the Committee with recommendations on awards for shuttle projects for FYE 2013 and a request to recommend Board of Directors authorization for the Executive Officer/APCO to enter into contracts for the proposed awards.*

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**

*Thursday, March 28, 2013, Bay Area Air Quality Management District Office, 939 Ellis Street, San Francisco, California 94109 at 9:30 a.m.*

9. **ADJOURNMENT**

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

**(415) 749-5073**

**FAX: (415) 928-8560**

**BAAQMD homepage:**

**[www.baaqmd.gov](http://www.baaqmd.gov)**

- To submit written comments on an agenda item in advance of the meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- To request special accommodations for those persons with disabilities notification to the Executive Office should be given at least three working days prior to the date of the meeting so that arrangements can be made accordingly.

Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District's offices at 939 Ellis Street, San Francisco, CA 94109, at the time such writing is made available to all, or a majority of all, members of that body.

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109  
FOR QUESTIONS PLEASE CALL (415) 749-4963**

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

**FEBRUARY 2013**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> - CANCELLED DUE TO HOLIDAY	Monday	18	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> - CANCELLED DUE TO HOLIDAY	Monday	18	10:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i> - CANCELLED	Wednesday	20	9:45 a.m.	Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i> – RESCHEDULED FROM THURSDAY, FEBRUARY 28, 2013	Thursday	21	9:30 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i> – RESCHEDULED FROM MONDAY, FEBRUARY 18, 2013	Monday	25	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	27	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i> – CANCELLED AND RESCHEDULED TO THURSDAY, FEBRUARY 21, 2013	Thursday	28	9:30 a.m.	Board Room

**MARCH 2013**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	6	9:45 a.m.	Board Room
<b>Advisory Council Regular Meeting</b> <i>(Meets on the 2<sup>nd</sup> Wednesday of each Month)</i>	Wednesday	13	9:00 a.m.	Board Room
<b>Board of Directors Legislative Committee</b> <i>(Meets at the Call of the Chair)</i>	Thursday	14	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets at the Call of the Chair)</i>	Thursday	14	11:00 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	18	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

## MARCH 2013

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	18	10:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	20	9:45 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	27	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	28	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

## APRIL 2013

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	3	9:45 a.m.	Board Room
<b>Advisory Council Regular Meeting</b> <i>(Meets on the 2<sup>nd</sup> Wednesday of each Month)</i>	Wednesday	10	9:00 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	15	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	15	10:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	17	9:45 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	24	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	25	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

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

From: Jack P. Broadbent  
Executive Officer/Air Pollution Control Officer

Date: February 7, 2013

Re: Approval of the Minutes of January 24, 2013

RECOMMENDED ACTION

Approve attached draft minutes of the Mobile Source Committee meeting of January 24, 2013.

DISCUSSION

Attached for your review and approval are the draft minutes of the Mobile Source Committee meeting on January 24, 2013.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Sean Gallagher  
Reviewed by: Ana Sandoval

Attachment

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109  
(415) 749-5073

**DRAFT MINUTES**

Summary of Board of Directors  
Mobile Source Committee Meeting  
Thursday, January 24, 2013

**1. Call to Order – Roll Call**

Chairperson Scott Haggerty called the meeting to order at 9:39 a.m.

Present: Chairperson Scott Haggerty; Vice Chairperson Nate Miley; and Directors John Avalos, Tom Bates, Carol Klatt and Mary Piepho.

Absent: Directors Carole Groom, Edwin M. Lee and Brad Wagenknecht.

Also Present: None.

**2. Public Comment Period: None.**

**3. Approval of Minutes of December 3, 2012**

Committee Comments: None.

Public Comments: None.

Committee Action: Director Bates made a motion to approve the Minutes of December 3, 2012; Director Klatt seconded; and the motion was carried unanimously without objection.

**4. Projects with Proposed Grant Awards Over \$100,000**

Damien Breen, Director of Strategic Incentives, introduced Avra Goldman, Environmental Planner of Strategic Incentives, who gave the staff presentation Projects with Proposed Grant Awards over \$100,000, including a brief review of the Transportation Fund for Clean Air (TFCA) program to date, a detail of the TFCA Fiscal Year Ending 2013 and recommendations.

Committee Comments:

Director Miley asked about the Broadway Shuttle, which questions were answered by Mr. Breen.

NOTED PRESENT: Director Piepho was noted present at 9:47 a.m.

Public Comments:

Maisha Everhart, Senior Policy Advisor for Intergovernmental Affairs, Office of the Mayor, City of Oakland, addressed the Committee in opposition to staff's recommendation to discontinue funding of City of Oakland, Broadway "B" shuttle project.

Robert Del Rosario, AC Transit Liaison, AC Transit, addressed the Committee in opposition to staff's recommendation to discontinue funding of City of Oakland, Broadway "B" shuttle project, and to request more time to respond to the proposal.

Gerald Bilbo addressed the Committee in opposition to staff's recommendation to reduce funding for the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Zach Seal, Economic & Workforce Development, City of Oakland, echoed the comments of Ms. Everhart and Mr. Del Rosario.

Isela Ileana Zamora, Easy Go Transportation Services, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Efrain Zamora, Easy Go Transportation Services, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Trenay Hall Alderson addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Director Miley asked for clarification of the staff recommendation regarding the City of Richmond, Shuttle Richmond Circular + Marina Bay project, which Mr. Breen provided.

Chairperson Haggerty asked staff in the future to provide reports on available information from agencies regarding the anticipated effects on services resulting from proposed changes in funding.

Director Bates asked staff to also provide information relative to funding levels for the prior year and the range of funding available.

Director Avalos asked how the grant program guidelines apply in impacted communities, in the pursuit of equity. Mr. Breen said that priority funding is available for impacted communities such as the City of Richmond.

Director Piepho asked staff in the future to provide reports on available information regarding ridership.

Barbara Saucer addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Reginald Russell addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

George Mitchell II addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Pam Saucer Bilbo, Valor Community Awareness & Outreach, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Dwight Adams, Easy Go Transportation Services, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

George Mitchell III addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Stephanie Johnson, Men & Women of Valor, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Stephen Johnson, Men & Women of Valor, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Jeremy Dodson, Men & Women of Valor, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Lori Reese-Brown, City Planner, City of Richmond, addressed the Committee in opposition to staff's recommendation to reduce funding of the City of Richmond, Shuttle Richmond Circular + Marina Bay project.

Director Bates and Chairperson Haggerty discussed the selection process under state law and Air District guidelines.

The Committee discussed how best to proceed and directed Mr. Breen to return with the requested information as it relates to the City of Richmond, Shuttle Richmond Circular + Marina Bay project and City of Oakland, Broadway "B" shuttle project.

Committee Action:

Director Piepho made a motion, seconded by Director Klatt, to recommend the Board of Directors:

1. Approve five projects (12R12, 13, 14, 15 and 16) with proposed grant awards over \$100,000; and



2. Authorize the Executive Officer/Air Pollution Control Officer (APCO) to enter into agreements for the recommended projects.

Jack Broadbent, Executive Officer/APCO and Chairperson Haggerty discussed how best for staff to address the perceived issue regarding the City of Oakland Broadway shuttle.

Director Miley asked about the policy regarding duplication of service and an amendment to said policy, which questions were answered by Messrs. Broadbent and Breen.

Director Bates asked whether the Committee can revise the policy regarding duplication of service which was answered by Mr. Breen. Director Bates requested an analysis of applicable state law.

Director Miley asked about increased ridership as a factor despite duplication of service, which questions were answered by Mr. Breen.

Director Piepho suggested the inclusion of any applicable policy language in future agenda reports.

The motion was carried unanimously without objection.

## **5. Matching Funds for Carl Moyer Program (CMP) Year 15 and United States Department of Energy (DOE) Alternative Fuels Project**

Mr. Breen introduced Anthony Fournier, Grants Manager of Strategic Incentives, who gave the staff presentation Matching Funds for CMP Year 15 and DOE Alternative Fuels Project, including funding sources, CMP Year 15 funding and process, DOE alternative fuels project and recommendations.

### Committee Comments:

Director Bates asked about the projects that are eligible, which questions were answered by Mr. Breen.

Chairperson Haggerty asked where TFCA comes from and goes to, which questions were answered by Mr. Breen. Chairperson Haggerty requested a written history of the same for the last several years.

Public Comments: None.

### Committee Action:

Director Piepho made a motion, seconded by Director Avalos, and carried unanimously without objection to recommend the Board of Directors:

1. Adopt a resolution authorizing the Executive Officer/APCO to execute all necessary agreements with the California Air Resources Board (ARB) relating to the Air District's receipt of CMP funds for fiscal year 2012-2013 (Program Year 15);

2. Allocate \$5 million in Mobile Source Incentive Funding to provide the required match funding and additional monies for projects eligible for funding under the CMP; and
3. Adopt a resolution authorizing the Executive Officer/APCO to allocate \$100,000 in TFCA monies to provide required match funding for a \$1 million DOE Alternative Fuels Project.

#### **6. Selection of a Contractor for a Lawnmower Replacement Program**

Mr. Breen gave the staff presentation Lawn Mower Replacement Contractor Selection, including background, Air Quality Improvement Program Grant, request for proposals process and evaluation, and recommendations.

##### Committee Comments:

Chairperson Haggerty asked about the nature of the replacement event, which questions were answered by Mr. Breen.

Chairperson Haggerty asked staff to forward promotional material for the event to all members of the Board of Directors.

Director Bates asked about the air quality impact of and legal jurisdiction regarding lawnmowers and Chairperson Haggerty asked about the possibility of a replacement program for leaf blowers, which questions were answered by Brian Bunger, District Counsel.

Director Bates asked about the availability of information regarding the air quality impact of lawn mowers, which questions were answered by Mr. Broadbent.

Chairperson Haggerty directed staff to agendize a briefing regarding the prospects of a similar program for leaf blowers.

Public Comments: None.

##### Committee Action:

Director Piepho made a motion, seconded by Director Bates, to recommend the Board of Directors:

1. Approve the selection of Black & Decker, a contractor to assist the Air District in the implementation of a lawn mower replacement program under a grant from the ARB; and
2. Authorize the Executive Officer/APCO to enter into all necessary agreements with Black & Decker to implement the program funded by the ARB not to exceed \$364,050.

Director Piepho asked if leaf blowers are included in the current program and how the replacement process works, which questions were answered by Mr. Breen.

Director Bates asked staff to provide a written opinion of the scientific and legal arguments for regulation of lawn mowers and leaf blowers by cities and counties.

The motion was carried unanimously without objection

## **7. Port Truck Program Update**

Mr. Breen introduced Mr. Fournier who gave the staff presentation Port Truck Program Update, including background, a summary of the current drayage truck population, a status report on the Engine Model Year 2005/2006 Replacement Program, a cost-effectiveness analysis and a look at engine repowers.

### Public Comments:

Bill Aboudi, AB Trucking, addressed the Committee regarding the program rules.

Kathy Fitzgerald, Fitzgerald Truck Sales, addressed the Committee regarding interest in the program and requested an exception to the rules.

Director Miley, Ms. Fitzgerald and Mr. Breen discussed the state of communication between truck owner/operators and the Air District and a potential engine repower program.

### Committee Comments:

Mr. Breen introduced Ralph Reynoso, Port Wharfinger, Port of Oakland, who addressed the Committee regarding compliance levels.

Chairperson Haggerty asked about service levels and responses by the Port of Oakland and its shipping company clientele, which questions were answered by Tim Leong, Port Environmental Scientist, Port of Oakland.

Director Miley asked about air quality emissions reduction targets in West Oakland, which questions were answered by Mr. Breen.

The Committee discussed the impact of Air District policies, public outreach efforts to inform the public about the same, and potential targets for future programs.

Director Bates asked staff to provide some preliminary information regarding on-road truck emissions requirements.

Chairperson Haggerty asked staff to provide clarification on targeted truck routes.

Mr. Aboudi urged the ARB to provide training on the repair of new technology as a component of future programs to better ensure that new vehicle fleets can be serviced.

Director Miley asked about the Air District’s level of discretion in applying the rules, which questions were answered by Mr. Breen.

Committee Action: None; informational only.

- 8. Committee Member Comments/Other Business:** None.
- 9. Time and Place of Next Meeting:** Thursday, February 21, 2013, at Bay Area Air Quality Management District Office, 939 Ellis Street, San Francisco, CA 94109 at 9:30 a.m.
- 10. Adjournment:** The meeting adjourned at 11:41 a.m.

Sean Gallagher  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: February 11, 2013

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

**RECOMMENDATIONS:**

Recommend the Board of Directors:

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

**BACKGROUND**

The Bay Area Air Quality Management District (Air District) has participated in the Carl Moyer Program (CMP), in cooperation with the California Air Resources Board (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 7, 2012, the Board of Directors authorized Air District participation in Year 14 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 14 projects on July 23, 2012. The Air District has approximately \$15 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 February 6, 2013, the Air District had received 30 project applications. Of the applications that have been evaluated between November 13, 2012 and February 6, 2013, two (2) eligible projects have proposed individual grant awards over \$100,000. These projects will replace five (5) diesel engines, one (1) from an off-road loader and four (4) from a tug boat. These projects will result in the reduction of over 14 tons of NO<sub>x</sub>, ROG and PM per year. Staff recommends allocating \$568,900 to these projects from a combination of CMP funds and MSIF revenues. Attachment 1 to this staff report provides additional information on these projects.

Attachment 2 lists all of the eligible projects that have been received by the Air District as of February 6, 2013, 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 since the last committee update. Approximately 58 % of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities.

### **TFCA:**

No TFCA applications requesting individual grant awards over \$100,000 received as of February 6, 2013 are being forwarded for approval at this time. However, the Committee will be updated on previous request for TFCA funding for shuttles as part of a separate agenda item.

## BUDGET CONSIDERATION / FINANCIAL IMPACT:

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

Respectfully submitted,

Jack P. Broadbent  
Executive Director/APCO

Prepared by: Anthony Fournier  
Reviewed by: Damian Breen

Attachment 1: BAAQMD Year 14 Carl Moyer Program/MSIF projects with grant awards greater than \$100,000 (evaluated between 11/13/12 and 2/6/13)

Attachment 2: Summary of all CMP Year 14/MSIF and VIP approved/eligible projects (as of 2/6/13)

### AGENDA 4 - ATTACHMENT 1

BAAQMD Year 14 Carl Moyer Program/ Mobile Source Incentive Fund projects  
with grant awards greater than \$100k (Evaluated between 11/13/12 and 2/6/13)

Project #	Applicant name	Equipment category	Project type	Proposed contract award	Emission Reductions (Tons per year)			County
					NOx	ROG	PM	
14MOY20	MCE Amos Inc	Off-road	Replacement of one (1) off-road diesel-powered loader.	\$ 113,738.00	0.533	0.092	0.033	Sonoma
14MOY27	Lehigh Hanson (Tug boat)	Marine	Replacement of two (2) main engines, and two (2) auxiliary engines on the tug boat "San Joaquin River"	\$ 455,162.00	13.244	0.315	0.463	Contra Costa
				<b>\$ 568,900.00</b>	<b>13.777</b>	<b>0.407</b>	<b>0.496</b>	

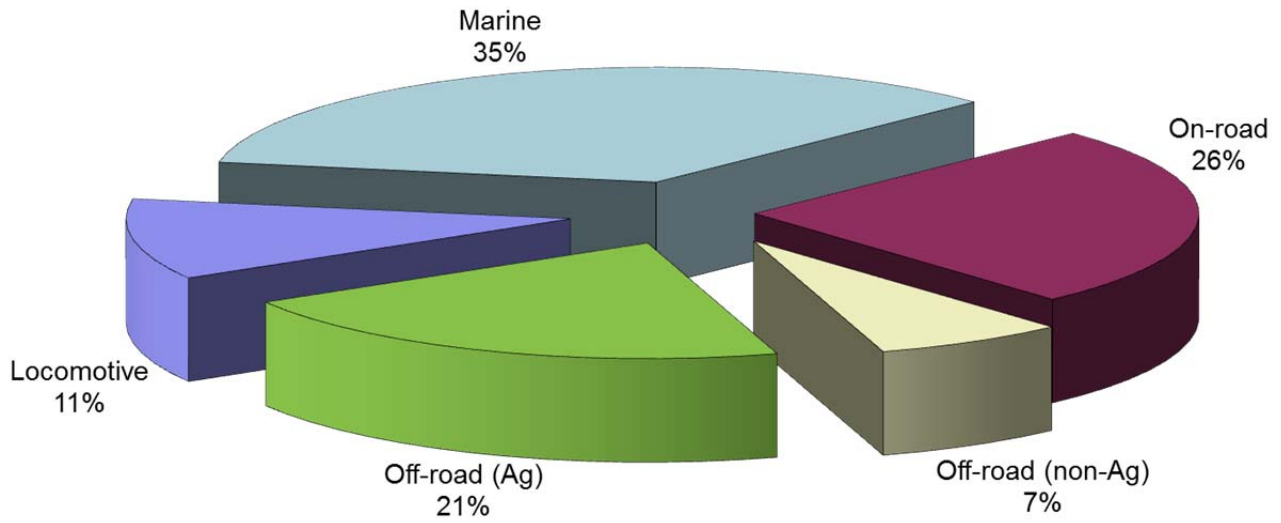


*Summary of all CMP Yr 14/ MSIF and VIP approved/ eligible projects (As of 2/6/13)*

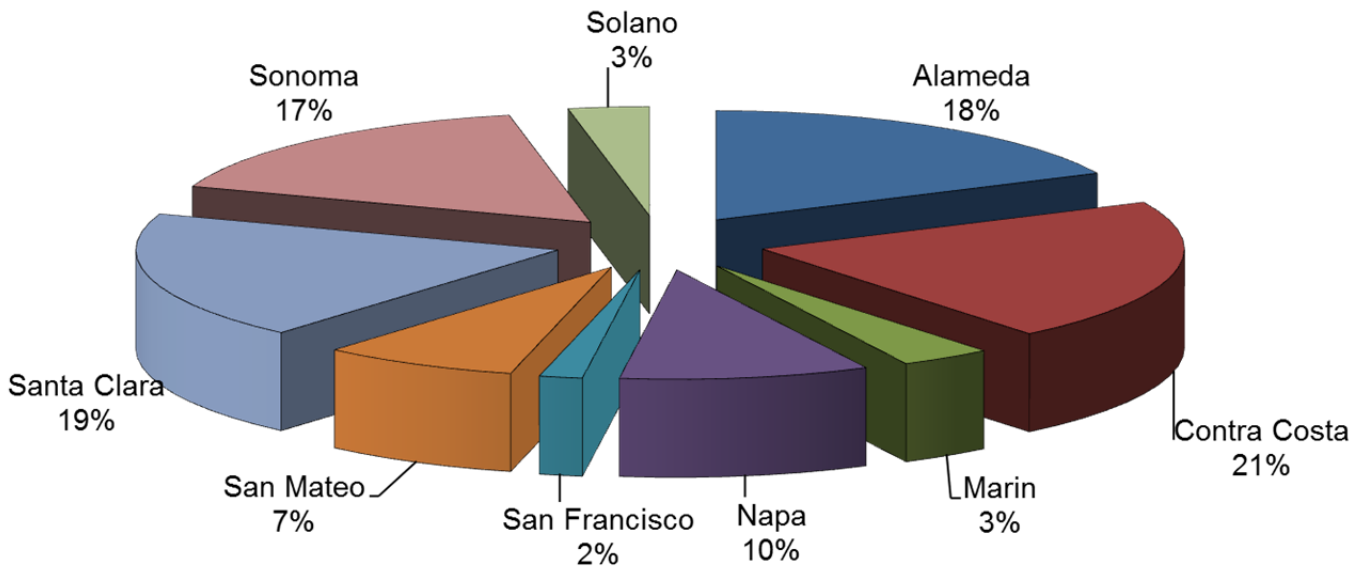
Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
14MOY2	Off-road	Loader replacement	1	\$ 45,176.00	Bordessa Dairy	0.135	0.023	0.007	APCO	Sonoma
14MOY3	Off-road	Loader replacement	1	\$ 98,511.00	Blakes Landing Farms, Inc. (Dairy)	0.448	0.078	0.028	APCO	Marin
14MOY4	Marine	Engine replacement	2	\$ 227,786.00	C & W Diving Services, Inc. (Vessel: "Taylor Anne II")	1.033	0.057	0.039	11/7/2012	Alameda
14MOY7	Marine	Engine replacement	2	\$ 108,400.00	C & W Diving Services, Inc. (Vessel: "STELLA LIND")	0.318	-0.011	0.020	11/7/2012	Alameda
14MOY8	Off-road	Tractor replacement	1	\$ 24,400.00	Lamoreaux Vineyards LLC	0.116	0.024	0.008	APCO	Napa
14MOY9	Off-road	Tractor replacement	1	\$ 23,241.00	Andrea Bartolucci dba Madonna Estate (Vineyard)	0.098	0.020	0.007	APCO	Napa
14MOYL1	Locomotive	Wayside power installation	8	\$ 330,000.00	Peninsula Corridor Joint Powers Board	1.488	0.079	0.032	12/5/2012	Santa Clara
14MOY5	Off-road	Loader & backhoe replacement	2	\$ 202,610.00	SOILAND Co Inc.	1.540	0.118	0.043	12/5/2012	Sonoma
14MOY16	Off-road	Tractor replacement	8	\$ 206,138.00	Stone Bridge Cellars Inc.	0.909	0.206	0.079	12/5/2012	Napa
14MOY6	Marine	Engine replacement	1	\$ 46,484.00	Danny M Murray dba FV King Crab	0.633	0.010	0.020	APCO	San Francisco
14MOY18	Marine	Engine replacement	2	\$ 80,970.00	James Townsend (Charter fishing)	0.297	0.007	0.011	APCO	Contra Costa
14MOY15	Off-road	Tractor replacement	1	\$ 15,776.00	Ronald Smith (Vineyard farming and field maintenance)	0.022	0.020	0.004	APCO	Napa
14MOY10	Off-road	Tractor replacement	1	\$ 32,184.00	Morrison Ranch	0.120	0.024	0.007	APCO	Solano
14MOY12	Off-road	Tractor replacement	2	\$ 55,056.00	Donald W. Johnson dba Gordon Valley Farms	0.298	0.057	0.027	APCO	Solano
14MOY20	Off-road	Loader replacement	1	\$ 113,738.00	MCE Amos Inc	0.533	0.092	0.033	TBD	Sonoma
14MOY26	Marine	Engine replacement	1	\$ 97,460.00	Paul Lourenco (Commercial fishing)	0.732	0.029	0.029	APCO	San Mateo
14MOY27	Marine	Engine replacement	4	\$ 455,162.00	Lehigh Hanson (Tug boat)	13.244	0.315	0.463	TBD	Contra Costa
VIP72	VIP	Truck replacement	1	\$ 45,000.00	Bhin Trucking LLC	2.786	0.056	0.000	APCO	Santa Clara
VIP73	VIP	Truck replacement	1	\$ 40,000.00	Bhin Trucking LLC	2.458	0.049	0.000	APCO	Santa Clara
VIP75	VIP	Truck replacement	1	\$ 40,000.00	Kirvin Holtz	2.481	0.052	0.000	APCO	Sonoma
VIP77	VIP	Truck replacement	1	\$ 15,000.00	Michael Feuquay	0.306	0.008	0.000	APCO	Santa Clara
VIP78	VIP	Truck replacement	1	\$ 35,000.00	Michael Feuquay	1.380	0.020	0.040	APCO	Santa Clara
VIP79	VIP	Truck replacement	1	\$ 25,000.00	Michael Feuquay	1.006	0.015	0.029	APCO	Santa Clara
VIP80	VIP	Truck replacement	1	\$ 45,000.00	Ernest Gonzales	2.735	0.086	0.000	APCO	Alameda
VIP81	VIP	Truck replacement	1	\$ 35,000.00	Santos Construction Inc.	2.149	0.056	0.000	APCO	Contra Costa
VIP84	VIP	Truck replacement	1	\$ 10,000.00	San Miguel Trans Inc	0.629	0.013	0.000	APCO	Sonoma
VIP87	VIP	Truck replacement	1	\$ 35,000.00	Gill Hardial Singh	0.714	0.018	0.000	APCO	Alameda
VIP89	VIP	Truck replacement	1	\$ 10,000.00	T1 Trucking, Inc.	0.205	0.004	0.000	APCO	San Mateo
VIP90	VIP	Truck replacement	1	\$ 45,000.00	Guidotti Trucking, Inc.	0.929	0.019	0.000	APCO	Santa Clara

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
VIP92	VIP	Truck replacement	1	\$ 20,000.00	Sequoia Landscape Mtls, Inc.	0.412	0.009	0.000	APCO	Sonoma
VIP93	VIP	Truck replacement	1	\$ 10,000.00	Cotati Brand Eggs Foods Services	0.214	0.001	0.000	APCO	Sonoma
VIP96	VIP	Truck replacement	1	\$ 40,000.00	Bernardini Enterprises, Inc.	0.819	0.016	0.000	APCO	San Mateo
VIP99	VIP	Truck replacement	1	\$ 30,000.00	Bernardini Enterprises, Inc. DBA JD Services	0.615	0.012	0.000	APCO	San Mateo
VIP100	VIP	Truck replacement	1	\$ 35,000.00	Bernardini Enterprises, Inc. DBA JD Services	0.517	0.007	0.010	APCO	San Mateo
VIP103	VIP	Truck replacement	1	\$ 45,000.00	Express Freight Systems	0.645	0.009	0.014	APCO	Alameda
VIP104	VIP	Truck replacement	1	\$ 25,000.00	D Foskett Trucking, Inc.	0.519	0.010	0.000	APCO	Contra Costa
VIP106	VIP	Truck replacement	1	\$ 25,000.00	DW Heavy Equipment	0.411	0.002	0.006	APCO	Sonoma
VIP107	VIP	Truck replacement	1	\$ 45,000.00	Express Freight Systems	0.645	0.009	0.014	APCO	Alameda
VIP108	VIP	Truck replacement	1	\$ 45,000.00	Patricia A. Smith	0.923	0.019	0.000	APCO	San Bernardino County
VIP109	VIP	Truck replacement	1	\$ 45,000.00	Kellogg Distribution, Inc.	0.929	0.019	0.000	APCO	Sacramento
<b>40 Projects</b>			<b>62</b>	<b>\$ 2,908,092.00</b>		<b>46.391</b>	<b>1.657</b>	<b>0.970</b>		

**Figure 1: CMP/ MSIF Funding Distribution by Equipment Category as of 2/6/13**



**Figure 2: CMP/ MSIF Funding Distribution by County as of 2/6/13**



**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: February 11, 2013

Re: Air District Grant Programs Overview

**RECOMMENDATIONS:**

None. Informational item, receive and file.

**BACKGROUND**

As part of its efforts to reduce emissions from mobile sources, the Bay Area Air Quality Management District (Air District) allocated approximately \$71.2 million in funding in the last calendar year (2012). Approximately \$61.2 million of that funding was directly allocated by the Air District. The remaining \$10 million is distributed via the Transportation Fund for Clean Air (TFCA) County Program Manager program. Additionally, as part of this \$61.2 million total, the Air District received the following two (2) one-time grant distributions: \$1 million in United States Department of Energy funding for a statewide alternative fuels market expansion project and \$0.8 million from the United States Environmental Protection Agency for a port truck replacement program.

Of the \$61.2 million allocated, approximately \$59.4 million came from 4 renewable funding sources: the California Goods Movement Bond (I-Bond), TFCA Regional Fund, Mobile Source Incentive Fund (MSIF) and Carl Moyer Program (CMP) funds, all of which accumulate annually via fees and bond sales that are distributed to the Air District. These programs constitute the Air District's primary grant programs.

**DISCUSSION**

As part of its deliberations in calendar year 2011, the Committee received a report from staff on expenditures in various grant programs for the previous calendar year (2010). That report was based on total dollar allocations and projected emissions reductions for calendar year 2010 projects. The intention of that report was to provide the Committee a better overall indication of the total flow of funding in and out of the primary grants programs. This methodology allowed staff to align the grant funding with future compliance dates set in airborne toxic control measures (ATCM) adopted by the California Air Resources Board and to present to the Committee anticipated needs for grant funding for this calendar year. This same methodology has been applied to the grant allocations in calendar years 2011 and 2012.

As part of this report, staff will recap the expenditures of funding in calendar year 2012 and discuss with the Committee the anticipated challenges and projected funding for each of the Air District primary grant programs in calendar year 2013.

BUDGET CONSIDERATION / FINANCIAL IMPACT:

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Director/APCO

Prepared by: Damian Breen  
Reviewed by: Jean Roggenkamp

**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: February 14, 2013

Re: Funding for Fiscal Year Ending (FYE) 2013 TFCA Regional Fund Shuttle  
Projects

**RECOMMENDATIONS:**

Staff is currently meeting with Project Sponsors for Fiscal Year Ending (FYE) 2013 Transportation Fund for Clean Air (TFCA) Regional Fund Shuttle Projects and will present the Committee with recommendations on proposed funding awards and a request for authorization for the Executive Officer/APCO to enter into agreements for those projects as part of the presentation of this agenda item.

**BACKGROUND**

Since 1991, the 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 to eligible programs implemented directly by the Air District (i.e. Spare the Air Program) and 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 (H&SC) Sections 44241 and 44242. These sections delineate the eligible project types which include authorization for projects that provide “local feeder bus and shuttle service to rail and ferry stations and to airports.” The authorizing legislation also requires the Air District’s Board of Directors to adopt policies and cost-effectiveness criteria that projects and programs are required to meet.

On October 17, 2012, the Air District Board of Directors approved the Fiscal Year Ending (FYE) 2013 TFCA Regional Fund policies, cost-effectiveness criteria, and a funding allocation of \$4 million for shuttle/feeder bus and ridesharing projects. The approved policies require projects to meet a cost-effectiveness (C-E) of \$90,000 per ton for existing shuttle projects and \$125,000 per ton for new pilot shuttle projects (Policy #2). Additionally, the following project specific policies were approved for existing and pilot shuttle projects:

*Policy 27. Shuttle/Feeder Bus Service: These projects link a mass transit hub (e.g., rail or Bus Rapid Transit (BRT) station, ferry or bus terminal or airport) to or from a final destination.*

*These projects are intended to reduce single-occupancy, commonly-made vehicular trips (e.g., commuting or shopping center trips) by enabling riders to travel the short distance between a mass transit hub and the nearby final destination. The final destination must be a distinct commercial, employment or residential area. The project's route must operate to or from a mass transit hub and must coordinate with the transit schedules of the connecting mass transit services. Project routes cannot replace or duplicate an existing local transit service link. These services are intended to support and complement use of existing major mass transit services.*

*Policy #28: Pilot Shuttle/Feeder Bus Service: Pilot projects are defined as new routes that are at least 70% unique and have not been in operation in the past five years. In addition to meeting the requirements listed in Policy 27 for Shuttle/Feeder Bus Service, pilot shuttle/feeder project applicants must also provide data supporting the demand for the service, including letters of support from potential users and providers, and plans for financing the service in the future. Pilot projects must meet and maintain a minimum cost-effectiveness of \$125,000/ton during the first year of operation and a minimum cost-effectiveness of \$90,000 by the end of the second year of operation (see Policy #2). Projects may only receive a maximum of two years of funding under the Pilot designation. Applicants must apply for subsequent funding under the Shuttle/Feeder Bus designation, described above.*

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. 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

At the January 24, 2013, Mobile Source Committee meeting, staff presented proposed awards for 12 shuttle/feeder bus and regional ridesharing projects through the FYE 2013 TFCA Regional Fund program. On that date, the Committee recommended funding the eight (8) projects whose proposed awards equaled the amount requested by the applicant and the Air District Board of Directors subsequently approved the proposed awards on February 6, 2013.

At that same meeting, several members of the Committee asked staff to conduct further investigation into the four (4) existing shuttle projects, three (3) where the proposed awards were less than the requested amount by the project sponsor (Table 1) and one (1) was the City of Oakland's Broadway Shuttle project that was not recommended for funding (Table 2). Additionally, staff was asked to follow-up with the applicants of the projects in Table 1 to learn whether they would be able to continue service with reduced funding. The applicants' responses are indicated in Table 3.

**Table 1 - Existing Shuttle Projects with Proposed Awards less than Amount Requested\***

Project #	Project Sponsor	Project Title	TFCA Regional Funds Requested	Proposed Award	Project Useful Life (# of Yrs)	C-E	ROG (tpy)	NO <sub>x</sub> (tpy)	Weighted PM (tpy)	CO <sub>2</sub> (tpy)	County
12R09	LAVTA	Route 1A/1B	\$141,395	<b>\$27,480</b>	2	\$89,991	0.07	0.08	0.16	16	ALA
12R10	City of Alameda Public Works Dept.	Estuary Crossing	\$190,000	<b>\$47,700</b>	2	\$89,991	0.08	0.04	0.14	69	ALA
12R11	City of Richmond, CA	Richmond Circular + Marina Bay	\$300,000	<b>\$57,100</b>	1	\$89,852	0.22	0.161	0.26	79	CC
12R17	LAVTA	Route 10	\$899,400	<b>\$109,970</b>	2	\$90,000	1.13	2.09	1.57	339	ALA

\*Modifications to data from 1/24/13 staff report: Emission reduction values for 12R09, -10 and -17 have been updated to indicate emissions reduced *per year*, rather than over the two-year project useful life (PUL). In addition, the proposed awards for these projects have increased from \$27,400, \$47,500 and \$109,070, respectively, as at these award levels, the projects are still Cost Effective (C-E) (C-E values increased slightly from \$89,729, \$89,613 and \$89,943, respectively).

**Table 2 - Existing Shuttle Project not Recommended for Funding**

Project Sponsor	Proposed Project Title	TFCA Regional Funds Requested	PUL (Yrs)	C-E	ROG (tpy)	NO <sub>x</sub> (tpy)	Weighted PM (tpy)	CO <sub>2</sub> (tpy)	Cnty
City of Oakland	Broadway "B"	\$354,605	1	\$81,485	1.26	1.12	1.97	1,483	ALA

**Table 3 - Responses from Project Sponsors Recommended for Reduced Awards**

Project Number	Project Sponsor	Project Name	Summary of Applicant's Response
12R09	LAVTA	Shuttle Route 1A/1B	Intend to proceed with project as proposed
12R10	City of Alameda Public Works Dept.	Shuttle Estuary Crossing	Currently seeking other funds: if no additional funding can be identified, service may be affected (reduced)
12R11	City of Richmond, CA	Shuttle Richmond Circular + Marina Bay	Service would be discontinued
12R17	LAVTA	Shuttle Route 10	Intend to proceed with project as proposed

### Ongoing Engagement and Research

Staff is currently working with the Project Sponsors listed in the tables above to determine if additional or mitigating data can be provided to better assess these shuttles under current TFCA polices. Staff is also reviewing the legislative record for the authorizing sections of the California Health and Safety Code and the Air District's Clean Air Plan regarding the definitions of "Feeder Buses and Shuttles." The results of these efforts, additional policy analysis and recommendations regarding these projects will be presented to the Committee as part of the review of this agenda item.



BUDGET CONSIDERATION / FINANCIAL IMPACT:

None. Through the 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: Geraldina Grünbaum  
Reviewed by: Damian Breen