

BOARD MEETING DATE: November 6, 2015

AGENDA NO. 29

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee met on Friday, October 16, 2015. Following is a summary of that meeting. The next Mobile Source Committee meeting is scheduled for Friday, November 20, 2015 at 9:00 a.m.

RECOMMENDED ACTION:  
Receive and file.

Dr. Clark E. Parker, Sr., Chair  
Mobile Source Committee

PMF:AFM

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### **Attendance**

Committee Members Dr. Joseph Lyou and Judith Mitchell attended at SCAQMD headquarters. Committee Chair Dr. Clark E. Parker, Sr. and Committee Member Ben Benoit attended via videoconference. Vice-Chair Dr. Joseph Lyou called the meeting to order at 9:00 a.m.

Dr. Lyou recommended that agenda item #3 be taken out of order, as the presenter's presence was constrained by airport departure time.

The following items were presented:

### **INFORMATIONAL ITEM:**

#### **3) CARB Mobile Source Strategy – Draft Discussion**

Kurt Karperos, CARB Deputy Executive Officer, gave an informational briefing on CARB's recent release of their draft Mobile Source Strategy.

Mr. Karperos described the multiple planning efforts outlined in the Mobile Source Strategy. He stated that in addition to mapping out an attainment demonstration through broad control strategies, the Strategy also outlines specific measure concepts

for the SIP. Proposed measure concepts for passenger vehicles, heavy-duty trucks, and off-road equipment were discussed. Mr. Karperos stated that federal and international sources, such as ships, aircraft and locomotives are more difficult to regulate since they fall primarily under federal authority. Dr. Lyou inquired if CARB has determined that non-switch locomotives that do not leave the State would be subject to CARB regulatory action; Mr. Karperos confirmed. He concluded that CARB and SCAQMD staff have collaboratively mapped out concepts in the basic framework in order to achieve the 2023 attainment goal, and are now looking into the potential costs and funding sources.

Dr. Barry Wallerstein, Executive Officer, added that CARB analysis shows health impacts of over 4,000 premature deaths per year in our District, mostly resulting from fine particulate matter (PM2.5). In the context of SB 350, petroleum reduction has been characterized as a rationing of gasoline at service stations; however the CARB strategy focuses on measures to reduce NOx and greenhouse gases by increasing fuel efficiency and fuel reformulation. Dr. Wallerstein commends CARB for their collaborative efforts with the SCAQMD, especially with this document. Currently, U.S. EPA does not have a strategic plan on Mobile Sources, and staff recommends supporting CARB as it petitions U.S. EPA to establish a national heavy-duty engine emissions standard.

During Public Comment, Lee Wallace from SoCal Gas referred to findings from a study conducted by Energy + Environmental Economics (E3) in the 'PATHWAYS' Project (a multi-agency engagement), evaluating the comparative feasibility and cost of a range of GHG reduction scenarios in California. E3's preliminary results include a scenario which attains 2030 and 2050 goals in part by timely replacement of transportation fossil fuels with advanced decarbonized biofuels. Mr. Wallace stated that this proposal would not take the place of current strategies, and instead would be additional to the current plan.

Councilmember Judith Mitchell extended her thanks to SCAQMD and CARB staff, and stated that it is very gratifying to see both agencies working together so closely. Mayor Ben Benoit agreed with Ms. Mitchell's comments and concurred that both agencies should now work with U.S. EPA to make progress on nationwide issues. Dr. Lyou stated that funding issues are critical and inquired if this would be discussed in CARB's document. Mr. Karperos responded that the immediate goal of the document is to map out the goals for attainment, and they will then need to identify the estimated costs to reach attainment. Dr. Wallerstein added that a lot of funding will be needed, however ultimately the Governor will make those decisions through the legislature. Dr. Wallerstein continued that he supports that a greater portion of the Greenhouse Reduction funds go through CARB to be invested in the incentives needed for clean air. Dr. Joseph Lyou inquired about the recent natural gas engine certified to the 0.02 g/bhp-hr optional NOx standard that it actually is at

0.01 g/bhp-hr and asked if there is an explanation for the lower emissions level. Dr. Matt Miyasato, Deputy Executive Officer, Science and Technology commented that it was certified at the optional standard of 0.02 g/bhp-hr. The results of the engine emissions testing conducted for the certification are at the 0.01 g/bhp-hr level.

### **ACTION ITEMS:**

#### **1) Execute a Contract to Implement Leaf Blower Exchange Program**

Vasken Yardemian, Sr. Staff Specialist, gave a presentation on the Leaf Blower Exchange Program. The presentation covered an update of last year's program and this year's Program Announcement to which one company responded. This is the first year that Pacific STIHL offered two types of zero-emission/low-noise lithium-ion battery operated model blowers in addition to a low-emission certified gasoline leaf blower. Dr. Lyou asked how many of the 120 dealers in Southern California are trained to service these battery operated leaf blowers. Staff responded that most of the dealers are trained because they are already selling battery operated blowers. He also asked if any other lawn and garden equipment manufacturers were interested in this Program Announcement. Staff answered that only one company had contacted the SCAQMD. There were no public comments on this item.

*Moved by Mitchell; Seconded by Benoit; unanimously approved*

#### **2) Annual Report on AB 2766 Funds from Motor Vehicle Registration Fees for FY 2013-14**

Kathryn Higgins, Program Supervisor, presented on this item. She noted that AB 2766 was signed into law in 1990 and currently authorizes a \$6 motor vehicle registration fee surcharge, of which 40% of \$4 of the funds is subvended to local governments to implement projects that reduce mobile source emissions. The purpose of the report is to summarize the outcome of FY 2013-14 AB 2766 Subvention Fund financial and program activity as reported by the 162 local government fund recipients. Ms. Higgins highlighted the Subvention Fund's financial summary which reflects a combined local jurisdiction beginning balance of \$42.3 million, funds received \$20.3 million, project spending \$19.8 million, and predesignated funds amounting to \$29.5 million. She reported that 353 projects were funded, with 222 reporting quantification of emission reductions during the FY 2013-14 reporting cycle.

*[Dr. Parker joined the meeting via videoconference at 9:57 a.m.]*

Expenditures in 10 project categories reflected that Alternative Fuels/Electric Vehicles and Transportation Demand Management had the highest spending totals, and the Traffic Management project category reported the highest emission

reductions. A total of 5,463 tons of emissions (NO<sub>x</sub>, ROG, PM<sub>2.5</sub> and CO/7) were reduced through project implementation. The overall average cost-effectiveness of all projects implemented was reported to be \$0.82/lb. During this reporting cycle, SCAQMD staff provided outreach including briefing policy makers, Council of Government staff, and encouraging local government attendance at AB 2766 trainings. Dr. Lyou inquired about the progress of staff's outreach to local governments. Ms. Higgins responded that while outreach is continuing, the turnover in local government staff contact persons can reduce the effectiveness of staff efforts; however, she also noted that recent outreach partnership between SCAQMD AB 2766 and Legislative & Public Affairs staff has been well received. There were no public comments on this item.

*Moved by Lyou; Seconded by Mitchell; unanimously approved*

### **WRITTEN REPORTS:**

#### **4) Rule 2202 Activity Report**

The report was received as submitted.

#### **5) Monthly Report on Environmental Justice Initiatives – CEQA Document Commenting Update**

The report was received as submitted.

### **OTHER BUSINESS:**

None.

### **PUBLIC COMMENT:**

None.

The meeting was adjourned at 10:05 a.m.

### **Attachment**

Attendance Roster

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
MOBILE SOURCE COMMITTEE MEETING  
Attendance Roster – October 16, 2015**

NAME	AFFILIATION
Dr. Clark E. Parker, Sr. (videoconference)	SCAQMD Governing Board
Dr. Joseph Lyou	SCAQMD Governing Board
Mayor Ben Benoit (videoconference)	SCAQMD Governing Board
Councilmember Judith Mitchell	SCAQMD Governing Board
Board Consultant Mark Abramowitz	SCAQMD Governing Board (Lyou)
Board Consultant Earl Elrod	SCAQMD Governing Board (Yates)
Board Consultant Chung Liu	SCAQMD Governing Board (Mitchell)
Board Consultant Debra Mendelsohn	SCAQMD Governing Board (Antonovich)
Board Consultant Ruthanne Taylor-Berger	SCAQMD Governing Board (Benoit)
Curtis Coleman	SoCal Air Quality Alliance
Kurt Karperos	California Air Resources Board
Noel Muyco	SoCal Gas
David Rothbart	Los Angeles County Sanitation Districts
Susan Stark	Tesoro
Lee Wallace	SoCal Gas
Barry Wallerstein	SCAQMD Staff
Philip Fine	SCAQMD Staff
Joe Cassmassi	SCAQMD Staff
Barbara Baird	SCAQMD Staff
Kurt Wiese	SCAQMD Staff
Matt Miyasato	SCAQMD Staff
Sam Atwood	SCAQMD Staff
Carol Gomez	SCAQMD Staff
Kathryn Higgins	SCAQMD Staff
Chris Marlia	SCAQMD Staff
Fred Minassian	SCAQMD Staff
Adewale Oshinuga	SCAQMD Staff
Dean Saito	SCAQMD Staff
Laki Tisopulos	SCAQMD Staff
Patti Whiting	SCAQMD Staff
Kim White	SCAQMD Staff
Vasken Yardemian	SCAQMD Staff