

BOARD MEETING DATE: May 1, 2015

AGENDA NO. 22

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee met on Friday, April 17, 2015. Following is a summary of that meeting. The next Mobile Source Committee meeting is scheduled for Friday, May 15, 2015 at 9:00 a.m.

RECOMMENDED ACTION:  
Receive and file.

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

EC: PMF: afm

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### **Attendance**

Committee Chair Dr. Clark E. Parker, Sr. attended via teleconference; Committee Member Ben Benoit attended via videoconference; Committee Members Dr. Joseph Lyou and Judith Mitchell attended the meeting at the SCAQMD Diamond Bar headquarters.

Due to technical difficulties connecting with Dr. Parker via videoconference, Vice Chair Dr. Lyou called the meeting to order at 9:08 a.m.

The following items were presented:

### **INFORMATIONAL ITEMS:**

#### **2) PM 2.5 and VOC White Papers**

Dr. Philip Fine, Assistant Deputy Executive Officer/Planning, Rule Development & Area Sources, provided a summary of the VOC and PM Control White Papers, which are 2 of 10 such papers being developed in advance of the 2016 AQMP. He

emphasized the findings for both papers; the need for a NO<sub>x</sub> heavy strategy with prioritized, limited and focused VOC and PM reductions, to meet both the 8-hour ozone and annual PM<sub>2.5</sub> standards. Staff is currently receiving comments from the White Paper Working Groups and AQMP Advisory Group.

[Dr. Parker joined the meeting and resumed chairing duties via teleconference at 9:13 a.m.]

Mayor Ben Benoit noted that the takeaway from the presentation is that there is much work to be done. Dr. Joseph Lyou stated, relative to the charts presented, that there are health consequences for even small, temporary increases in ozone levels and wondered if the path to clean air could be guided by the potential health impacts, to which Dr. Fine stated that the VOC White Paper has a spatial analysis for the increase in ozone, but that weighted population health impacts would need further examination. Regarding the models used for the study, Dr. Lyou asked if they were going to change or be updated. Dr. Fine stated that the models, methods and inventory were based on the 2012 AQMP, but that these will all be updated for the 2016 AQMP. Dr. Lyou also stated he had received complaints that the White Papers were difficult to find on the SCAQMD web page and that the schedule of meetings was not accurate and this was echoed by several of the Committee members. Dr. Fine stated that there were some glitches in postings this week, and that the situation is being corrected. Dr. Clark Parker, requested clarification of the chart that showed increased ozone exposure relative to a NO<sub>x</sub>-only approach, to which Dr. Fine responded it would depend on the level of VOC control achieved.

Under public comment, Mr. Bill Lamar, Executive Director of the Small Business Alliance, commented regarding the White Paper Working Group process, and stated that there had been too few meetings, wondered if the level of input received from members would be included in the documents and questioned why there were no specific control measures. Dr. Elaine Chang, Deputy Executive Officer/Planning, Rule Development & Area Sources, stated that the papers are intended for highlighting potential policy directions for the 2016 AQMP and not to propose specific control measures.

### **3) Update on the ITE Study to Enhance Vehicle Trip Information Associated with Large Warehouse Operations**

Mr. Henry Hogo, Assistant Deputy Executive Officer/Science & Technology Advancement, provided an update on the progress in developing a workplan to conduct studies to quantify and update trip-generation information for various warehouse development projects. A contract with the Institute of Transportation Engineers (ITE) was approved by the SCAQMD Board in November 2014 to co-sponsor the study in partnership with NAIOP. ITE convened a 16-member expert

panel consisting of representatives from the warehouse industry, academia, and transportation planners, private consultants, the U.S. Department of Transportation, Federal Highway Administration, SCAQMD staff, and ITE staff. The Panel discussed a variety of topics including defining different warehouse types by activity (traditional warehousing, transloading operations, cold storage, fulfillment centers /e-commerce), and parcel delivery hubs; types of vehicles that operate out of warehouses; land use and variables that affect warehouse operations; data needs and gaps; potential funding partners; and the schedule for developing the workplan. The workplan will be drafted over the next several months for the Panel's review and is anticipated to be completed by mid-summer. The workplan will scope out the approach to study one warehouse type and develop trips associated with the warehouse. The study may take over a year to complete given the seasonality of the activities at the warehouse. The goal will be to repeat the study for the various warehouse types defined at the meeting.

Dr. Parker commented that we are in a different era relative to warehouse activity given the greater e-commerce activities and asked whether there are considerations on the seasonality relationship of these activities since increased distribution-center activities are occurring earlier in the year and may potentially impact summertime ozone air quality. Mr. Hogo indicated that the Panel members spent some time discussing this. One of the Panel members indicated that they are now conducting year-long surveys to get at the seasonality issue.

Dr. Lyou commented that the study will be very helpful and the study will be based on fact and science that will help answer the empirical questions we have. Dr. Lyou indicated that at some point we would want to look at the trips saved as well as the trips generated, given that e-commerce can potentially result in fewer trips to stores. Ms. Barbara Baird, Chief Deputy Counsel, commented that the study is timely since in this month's CEQA commenting log, it reports that staff has commented on or is reviewing warehouse-related projects that total over 3.3 million square feet.

Dr. Parker commented that Supervisor Shawn Nelson had sent him the ITE manual. Dr. Parker indicated that after looking through the manual, he could not find any trip generation information related to the types of warehouse activities that we are considering now. Dr. Parker indicated that with the number of trucks that operate at warehouses, we may need to consider use of cleaner trucks to help mitigate the air quality problem.

Mr. Peter Herzog, NAIOP, agreed that the meeting of the Expert Panel was constructive and positive. Mr. Herzog commented that the framework for the study should serve as a model for impact assessment that can be used in the long term. Mr. Herzog also commented that there are discussions of impacts and that it may be premature to discuss such at this time. Some of the warehouse operations are more

efficient and there are a lower number of trucks per square foot today. In addition, truck emissions have decreased with the use of newer trucks. He indicated that other environmental and socioeconomic impacts need to be considered. He looks forward to working with the SCAQMD on the study.

### **1) Historical Rideshare Trend & SCAG's Planning and Policy on TOD**

Ms. Huasha Liu, Director of Land Use and Environmental Planning Division at the Southern California Association of Governments (SCAG), presented on the historical rideshare trend in the region and SCAG's planning and policy approaches on transit-oriented development (TOD). The latter part of Ms. Liu's presentation addressed Supervisor Nelson's concerns at the March 2015 Mobile Source Committee meeting. The historical information of commuting shows an increase in driving alone and a decrease in carpooling from 1980 to 2010. Possible explanations for this trend are that job locations are much more spread out and baby boomers have higher incomes and thus higher car ownership rates.

Dr. Parker commented that the percentage of people working from home has dramatically increased. Ms. Liu responded that there has been an increase of home-based small businesses, and that technology developments over the past 30 years have provided a greater opportunity for residents to work from home. Dr. Parker noted that one of Supervisor Nelson's concerns is the location of transit systems relative to homes and places of work. Dr. Lyou clarified that the concern is that the transportation development is not happening where the work locations are, and added that the focus should be on the employee's destination and not their residence. Ms. Liu referred to slide 10 of the presentation and explained that a greater share of jobs are already located in TOD and High-Quality Transit Areas (HQTA) areas relative to the share of households today, and will be even more so in the future.

Councilmember Judith Mitchell commented that there is already a fairly large percentage of jobs at TOD areas. She inquired whether we are focusing enough on where job centers are already located when we do our metropolitan planning, for example for SB 375 requirements. Councilmember Mitchell suggested that since planning is projected into 2035, it is important to continue focusing public transit on where people need to go for their final destination.

Dr. Lyou suggested that this information could be very informative and helpful to be included as part of the Board Retreat.

**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:**

Dr. Lyou announced that this meeting would be Elaine Chang's last Mobile Source Committee meeting before her retirement. He, along with Dr. Parker and other Committee Members, expressed their appreciation for Elaine's service and contributions.

**PUBLIC COMMENT:**

None

The meeting was adjourned at 10:53 a.m.

**Attachment**

Attendance Roster

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
MOBILE SOURCE COMMITTEE MEETING  
Attendance Roster- April 17, 2015**

NAME	AFFILIATION
Dr. Clark E. Parker, Sr.	SCAQMD Governing Board ( <i>via teleconference</i> )
Dr. Joseph Lyou	SCAQMD Governing Board
Mayor Ben Benoit	SCAQMD Governing Board ( <i>via videoconference</i> )
Councilmember Judith Mitchell	SCAQMD Governing Board
Board Consultant Mark Abramowitz	SCAQMD Governing Board (Lyou)
Board Consultant Chung Liu	SCAQMD Governing Board (Mitchell)
Curtis Coleman	SoCal Air Quality Alliance
Sue Gornick	WSPA
Daniel Kopulsky	Caltrans, District 7
Bill LaMarr	California Small Business Alliance
Rongsheng Luo	SCAG
Huasha Liu	SCAG
Clayton Miller	CIAQC
Noel Muyco	SoCal Gas
David Rothbart	Los Angeles County Sanitation Districts
Andy Silva	SB County
Susan Stark	Tesoro
Lee Wallace	SoCal Gas
Tara Tisopulos	ECS on behalf of OCTA
Elaine Chang	SCAQMD Staff
Philip Fine	SCAQMD Staff
Barbara Baird	SCAQMD Staff
Kurt Wiese	SCAQMD Staff
Matt Miyasato	SCAQMD Staff
Henry Hogo	SCAQMD Staff
Naveen Berry	SCAQMD Staff
Joe Cassmassi	SCAQMD Staff
Tina Cox	SCAQMD Staff
Carol Gomez	SCAQMD Staff

