

BOARD MEETING DATE: June 2, 2017

AGENDA NO. 23

REPORT: Mobile Source Committee

SYNOPSIS: The Mobile Source Committee met on Friday, May 19, 2017 at SCAQMD headquarters in Diamond Bar. The following is a summary of that meeting.

RECOMMENDED ACTION:
Receive and file.

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

PMF:AF

Attendance

Chair Dr. Clark E. Parker, Sr., and Committee Member Supervisor Marion Ashley attended via videoconference. Vice Chair Dr. Joseph Lyou, and Committee Members Sheila Kuehl, Judith Mitchell, and Larry McCallon attended at SCAQMD headquarters in Diamond Bar. Chair Parker called the meeting to order at 9:00 a.m.

ACTION ITEM:

1. Authorize Staff to Submit Letter of Support for CARB Locomotive Petition to U.S. EPA

Ms. Barbara Baird, Chief Deputy Counsel, provided background regarding CARB's petition to U.S. EPA to establish more stringent standards for new and remanufactured locomotives. U.S. EPA most recently updated its standards in 2008 for locomotives built in 2015 and later. CARB requested that the standards for new locomotives be set at 0.2 g/bhp-hr for NO_x and less than 0.01 g/bhp-hr for PM, effective with locomotives built in 2025 and later. CARB also requested that these new locomotives be able to operate in zero-emissions mode in designated areas, which could be accomplished through technologies such as a battery-tender car. The proposed standards for remanufactured locomotives would be less stringent but would go into effect in 2023. Locomotives are significant sources of NO_x, contributing more NO_x than all the RECLAIM NO_x sources. They also emit diesel particulate, a cancer-causing air contaminant. Ms. Baird asked the Committee to recommend approval for authorizing staff to submit to U.S. EPA a letter of support for CARB's petition.

Dr. Parker asked how much cleaner Tier 5 engines would be. Staff responded that there would be a 65% reduction compared to Tier 4 engines. In response to an inquiry from Mayor Pro Tem McCallon, Ms. Baird explained that the standards would apply to locomotives built beginning in 2025, but would not require any transit agency to purchase a new locomotive more quickly than it otherwise would. Dr. Lyou suggested adding legal arguments regarding the need to update the standards and the need for a prompt response to the petition. (The draft letter has been revised to add this language). Supervisor Ashley commented that there are more than 65 trains per day passing through his district. Councilmember Mitchell suggested working with CARB to see if they would want any assistance in obtaining additional letters of support from air pollution agencies. Dr. Lyou asked whether staff had discussed with CARB the potential for U.S. EPA adopting a rule to require freight operators to route their cleanest locomotives to this area. Dr. Philip Fine, Deputy Executive Officer/Planning, Rule Development and Area Sources, replied that this is an ongoing conversation, but the railroads have generally been opposed.

Moved by Mitchell; seconded by McCallon, unanimously approved

Ayes: *Ashley, Kuehl, Lyou, McCallon, Mitchell, Parker*

Noes: *none*

Absent: *none*

INFORMATIONAL ITEMS:

2. Facility–Based Mobile Source Measures Update

Mr. Ian MacMillan, Planning and Rules Manager, provided an overview of Facility-Based Mobile Source Measures in the 2016 AQMP. Mayor Pro Tem McCallon asked if the AQMP airport control measure was applicable to cargo airports and staff clarified the program was applicable to all commercial airports including cargo airports, but not to aircraft emissions. Mayor Pro Tem McCallon recommended that impacts on small airports be considered. Supervisor Kuehl and Dr. Lyou provided suggestions for staff to describe targets for the voluntary efforts and the possible triggers that would initiate the rule development process if the voluntary goals were not met. Staff indicated that part of the early efforts of the Working Groups is identifying the existing regulatory landscape and technologies and setting appropriate targets and metrics. Executive Officer Wayne Nastri indicated that staff is working on detailed objectives, goals and timelines for future meetings to provide certainty for all stakeholders.

Councilmember Mitchell added that SCAQMD provided comments on the Port's Clean Air Action Plan requesting information on benchmarks and interim milestones toward meeting the clean air objectives. Dr. Parker and Supervisor Ashley also suggested for future working group meetings that staff should describe SCAQMD's limited jurisdiction on mobile sources.

3. **Rule 2202 On-Road Motor Vehicle Mitigation Options Annual Update 2016**

An update for Calendar Year 2016 for Rule 2202 - On-Road Motor Vehicle Mitigation Options was presented by Carol Gomez, Planning and Rules Manager. Rule 2202 requires employers with 250 or more employees to implement an emissions reduction program to reduce mobile source emissions generated by employee commutes during peak hours. Over 1,300 worksites were regulated by this program.

Employers may select one of three program options to comply with Rule 2202: an Employee Commute Reduction Program (ECRP), Emissions Reduction Strategies (ERS), or an Air Quality Investment Program (AQIP). The ECRP requires employers to develop and implement an employee trip reduction program to assist in reaching an average vehicle ridership (AVR) goal. The ERS requires employers to surrender mobile source emission reduction credits; and the AQIP requires payment into a fund which the SCAQMD utilizes to fund mobile source emission reduction projects, such as the leaf blower exchange program.

Information was provided on the compliance component of the program that includes an audit process triggered by complaints and/or staff requests.

Dr. Parker commented that he understands that we have incentive programs for people to purchase cleaner vehicles, but asked if we can offer an incentive for people to retire old, high-emitting vehicles. Staff responded that there is a car scrapping program that offers a \$1,500 payment to retire an old vehicle that meets the scrapping requirements; however, the program is funded and run by CARB. The SCAQMD assists with the administration of the program. Mr. Nastri stated that a full description of the vehicle scrapping program and Enhanced Fleet Modernization Program will be provided at the next Mobile Source Committee meeting.

Dr. Lyou stated that he thought with regard to any future Rule 2202 amendments, that priority should be given to projects with NOx emission reductions, and that we should look into of new transportation projects funded by Measure M funds going forward. Dr. Lyou then asked what our thoughts were on any future amendments. Dr. Fine responded that in the future we will get diminishing returns with efforts to reduce vehicle trips due to cleaner vehicles. So, the effort would be focused on streamlining the resource-intensive ECRP program, looking for ways to focus on

more cost-effective emission reduction projects, and working with stakeholders from the regulated community on viable compliance options for the future.

WRITTEN REPORTS:

4. **Rule 2202 Activity Report: Rule 2202 Summary Status Report**

The written report was received.

5. **Monthly Report on Environmental Justice Initiatives: CEQA Document Commenting Update**

The written report was received.

OTHER MATTERS:

6. **Other Business:**

There was no other business.

7. **Public Comments:**

There were no public comments.

8. **Next Meeting Date**

The next regular Mobile Source Committee meeting is scheduled for Friday, June 16, 2017 at 9:00 a.m.

9. **Adjournment**

The meeting adjourned at 10:00 a.m.

Attachment

Attendance Record

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MOBILE SOURCE COMMITTEE MEETING
Attendance Roster – May 19, 2017

Dr. Clark E. Parker (via videoconference)	SCAQMD Governing Board
Supervisor Marion Ashley (via videoconference).....	SCAQMD Governing Board
Dr. Joseph Lyou	SCAQMD Governing Board
Supervisor Sheila Kuehl	SCAQMD Governing Board
Mayor Pro Tem Larry McCallon.....	SCAQMD Governing Board
Councilmember Judith Mitchell	SCAQMD Governing Board
Board Consultant David Czamanske	SCAQMD Governing Board (Cacciotti)
Board Consultant Ron Ketcham	SCAQMD Governing Board (McCallon)
Board Consultant Diane Moss	SCAQMD Governing Board (Kuehl)
Board Consultant Andrew Silva	SCAQMD Governing Board (Rutherford)
Wayne Nastri	SCAQMD Staff
Jill Whynot	SCAQMD Staff
Philip Fine.....	SCAQMD Staff
Barbara Baird.....	SCAQMD Staff
Derrick Alatorre.....	SCAQMD Staff
Jo Kay Ghosh.....	SCAQMD Staff
Laki Tisopulos	SCAQMD Staff
Sam Atwood	SCAQMD Staff
Arlene Farol.....	SCAQMD Staff
Carol Gomez	SCAQMD Staff
Jeff Inabinet	SCAQMD Staff
Ian MacMillan	SCAQMD Staff
Ryan Stromar	SCAQMD Staff
Jillian Wong.....	SCAQMD Staff
Thomas Jelenic	Pacific Merchant Shipping Association
William LaMarr	California Small Business Alliance
Lauren Nevitt	SoCalGas
Bill Pearce.....	The Boeing Company
David Rothbart	Los Angeles Sanitation Districts
Susan Stark	Tesoro