BOARD MEETING DATE: September 1, 2023   AGENDA NO. 4

PROPOSAL: Request Approval of Proposed Membership Roster for Scientific,
                    Technical, and Modeling Peer Review Advisory Group

SYNOPSIS: Staff is recommending that membership be granted for the
                    Scientific, Technical, and Modeling Peer Review (STMPR)
                    Advisory Group for a new four-year term. The current term for
                    this Advisory Group is set to expire on September 5, 2023. The
                    STMPR Advisory Group consists of experts in the fields of air
                    quality modeling, atmospheric chemistry and physics,
                    socioeconomic modeling and public health. The primary role of
                    the STMPR Advisory Group is to review scientific and technical
                    approaches needed to develop a future AQMP/SIP aimed at
                    demonstrating attainment of the National Ambient Air Quality
                    Standards. In December 2002, the Blue Ribbon Panel developed
                    recommendations for the STMPR Advisory Group, including the
                    applicable Board Committee. The proposed action seeks to
                    approve suggested membership roster for the STMPR Advisory
                    Group.

COMMITTEE: Mobile Source, August 18, 2023; Recommended for Approval

RECOMMENDED ACTION:
Approve proposed membership roster for the STMPR Advisory Group (Attachment A)
for a new four-year term.

                                            Wayne Nastri
                                            Executive Officer
SR:IM:SL:MCS

Background
In January 1997, the Board formed six Advisory Groups to provide advice and
recommendations to Board Committees and the Board on specific areas of expertise. In
December 2002, the Board adopted the Blue Ribbon Panel recommendations regarding
the duties and activities of the Advisory Groups. Since then, the STMPR Advisory

Group has contributed to the development of the scientific and technical aspects of the region's AQMPs and have made recommendations concerning emission inventories, photochemical modeling and socioeconomic impacts. Specifically, this advisory group provides critical review of current air quality and socioeconomic modeling techniques, as well as recommendations for proposed new approaches.

The STMPR Advisory Group members are appointed by the Board. The STMPR Advisory Group charter calls for approximately 15 members. The proposed membership for the STMPR Advisory Group is comprised of experts in the fields of air quality modeling, atmospheric chemistry and physics, socioeconomic modeling, and a medical doctor. The previous membership roster for the Advisory Group was approved in September 2019 for a four-year term, expiring in September 2023.

Proposal
Staff is proposing a new membership roster for the STMPR Advisory Group to assist staff with various AQMP/SIP related projects for the new four-year term commencing upon the Board's approval and expiring in September 2027. The proposed membership roster for the STMPR Advisory Group is provided in Attachment A. The roster consists of eight experts in the fields of atmospheric chemistry, physics and air quality modeling, eight experts in the field of socioeconomics, and one physician. The proposed membership roster for the Advisory Group was developed by soliciting nominations from existing Advisory Group members and public members.

The duties of this advisory group will include reviewing and providing feedback on an AQMP/SIP modeling, socioeconomic modeling techniques and making recommendations for and comments on proposed new approaches. The Advisory Group will meet throughout the year at various frequencies (e.g., monthly, quarterly) depending on the plan development schedule.

Resource Impacts
Existing South Coast AQMD resources are adequate to host STMPR Advisory Group meetings.

Attachment
Proposed STMPR Advisory Group Roster

ATTACHMENT A

Proposed Scientific, Technical, and Modeling Peer Review Advisory Group Roster
September 2023 to September 2027

No.	Organization	Member	Alternate
1	**California Air Resources Board**	Dr. Anthony Oliver	
2	**California Air Resources Board**	Dr. Jeremy Avise	Dr. Chenxia Cai
3	**Claremont Graduate University**	Dr. Heather Campbell	Dr. Javier Rodriguez
4	**Jet Propulsion Laboratory**	Dr. Greg Osterman	
5	**Self**	Eric El-Togby, MD, MPH	
6	**Ramboll**	Mr. Ralph Morris	
7	**Regional Economic Models, Inc.**	Dr. Peter Evangelakis	Mr. Billy Leung
8	**Southern California Association of Governments**	Dr. John Cho	Dr. Mana Sangkapichai
9	**University of California, Berkeley**	Dr. Reed Walker	
10	**University of California, Davis**	Dr. Michael Kleeman	
11	**University of California, Davis**	Dr. Erich Muehlegger	
12	**University of California, Irvine**	Dr. Alex Gunther	
13	**University of California, Los Angeles**	Dr. Pablo Saide	
14	**University of California, San Diego**	Dr. Joshua Graff Zivin	
15	**University Corporation for Atmospheric Research**	Dr. Kelley Barsanti	
16	**US Environmental Protection Agency**	Mr. Ken Davidson	
17	**US Environmental Protection Agency, Region 9**	Dr. Rynda Kay	Dr. William Tsui