

BOARD MEETING DATE: October 1, 2021

AGENDA NO. 2

PROPOSAL: Set Public Hearing November 5, 2021 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations:

A. Determine That 2021 Redesignation Request and Maintenance Plan for 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin Is Exempt from CEQA and Approve 2021 Redesignation Request and Maintenance Plan for 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin

The South Coast Air Basin (Basin) is currently designated as a serious nonattainment area for the 2006 24-hour average PM2.5 National Ambient Air Quality Standard (NAAQS). This 2021 PM2.5 Redesignation Request and Maintenance Plan includes a request to redesignate the Basin as an attainment area, a maintenance demonstration that the South Coast Air Basin will maintain the attainment status through 2035, a mechanism to verify continued attainment, a commitment to continue monitoring PM2.5, a contingency plan in case the standard is violated in the future, and provisions for contingency plan implementation. This action is to adopt the Resolution: 1) Determining that the 2021 Redesignation Request and Maintenance Plan for the 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin is exempt from the requirements of the California Environmental Quality Act; and 2) Approving the 2021 Redesignation Request and Maintenance Plan for the 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin, and directing staff to forward to CARB for approval and submission to U.S. EPA for inclusion in the SIP. (Reviewed: Mobile Source Committee, October 15, 2021)

B. Certify Final Subsequent Environmental Assessment for Proposed Rule 1109.1 - Emissions of Oxides of Nitrogen From Petroleum Refineries and Related Operations, Proposed Rule 429.1 - Startup and Shutdown Provisions at Petroleum Refineries and Related Operations, Proposed Amended Rule 1304 - Exemptions, Proposed Amended Rule 2005 - New Source Review for RECLAIM, and Proposed Rescinded Rule 1109 - Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries; and Adopt Rules 1109.1 and 429.1, Amend Rules 1304 and 2005, and Rescind Rule 1109

Proposed Rule 1109.1 (PR 1109.1) establishes NO_x and CO emission limits for combustion equipment at petroleum refineries and facilities with operations related to petroleum refineries. PR 1109.1 includes alternative implementation and BARCT plans. Implementation of PR 1109.1 is expected to achieve 7 to 8 tons per day of NO_x emission reductions. Proposed Rule 429.1 provides an exemption from the NO_x and CO emission limits in PR 1109.1 during startup, shutdown, and certain maintenance events. Proposed Amended Rule 1304 and Proposed Amended Rule 2005 implement a narrow BACT exemption for PM and SO_x emission increases associated with installation of new and modified add-on air pollution control equipment installations or modification that are needed to meet the NO_x limits under PR 1109.1. Proposed Rescinded Rule 1109 is obsolete with the adoption of PR 1109.1. This action is to adopt the Resolution: 1) Certifying the Final Subsequent Environmental Assessment for Proposed Rules 1109.1 and 429.1, Proposed Amended Rules 1304 and 2005, and Proposed Rescinded Rule 1109; and 2) Adopting Rules 1109.1 and 429.1, Amending Rules 1304 and 2005, and Rescinding Rule 1109. (Reviewed: Stationary Source Committee for PR 1109.1 September 18, 2020, February 29, March 19, June 18 and September 17, 2021; Stationary Source Committee for PR 429.1, PARs 1304 and 2005, and Proposed Rescinded Rule 1109 September 17, 2021)

The complete text of the proposed rule, staff report and other supporting documents will be available from the South Coast AQMD's publication request line at (909) 396-2001, or Mr. Derrick Alatorre - Deputy Executive Officer/Public Advisor, South Coast AQMD, 21865 Copley Drive, Diamond Bar, CA 91765, (909) 396-2432, dalatorre@aqmd.gov and on the Internet (www.aqmd.gov) as of October 6, 2021.

RECOMMENDED ACTIONS:

Set public hearing November 5, 2021 to determine that the 2021 Redesignation Request and Maintenance Plan for the 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin is exempt from CEQA and to approve the 2021 Redesignation Request and Maintenance Plan for the 2006 and 1997 24-Hour PM2.5 Standards for South Coast Air Basin; and to certify the Final Subsequent Environmental Assessment for Proposed Rule 1109.1 – Emissions of Oxides of Nitrogen From Petroleum Refineries and Related Operations, Proposed Rule 429.1 – Startup and Shutdown Provisions at Petroleum Refineries and Related Operations, Proposed Amended Rule 1304 – Exemptions, Proposed Amended Rule 2005 - New Source Review for RECLAIM, and Proposed Rescinded Rule 1109 - Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries; and Adopt Rules 1109.1 and 429.1, Amend Rules 1304 and 2005, and Rescind Rule 1109.

Wayne Natri
Executive Officer

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