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Samir Sheikh
Executive Director
Air Pollution Control Officer

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34946 Flyover Court
Bakersfield, CA 93308-9725
(661) 392-5500 • FAX (661) 392-5585

DATE: August 19, 2021

TO: SJVUAPCD Governing Board

FROM: Samir Sheikh, Executive Director/APCO
Project Coordinator: Michelle L. Franco



RE: **ITEM NUMBER 19: RECEIVE AND FILE LIST OF SCHEDULED MEETINGS FOR 2021**

RECOMMENDATION:

Receive and file list of scheduled meetings for 2021.

Attachments:

Attachment A: 2021 Schedule of All Meetings (6 pages)
Attachment B: Summary of Rules and Plans (6 pages)

San Joaquin Valley Unified Air Pollution Control District
Meeting of the Governing Board
August 19, 2021

**RECEIVE AND FILE LIST OF SCHEDULED
MEETINGS FOR 2021**

Attachment A:

2021 SCHEDULE OF ALL MEETINGS
(6 pages)

**San Joaquin Valley Unified Air Pollution Control District
Scheduled Meetings for 2021**

GOVERNING BOARD MEETINGS

Meets on the third Thursday of every month (except July)
Governing Board Meetings will commence at 9:00 a.m.

**CENTRAL REGION OFFICE, GOVERNING BOARD ROOM
1990 EAST GETTYSBURG AVENUE, FRESNO, CA**

Meetings held via Zoom video teleconference (VTC) with the
Northern Region Office (Modesto, CA.) and the Southern Region
Office (Bakersfield, CA.) participating
Governing Board Meetings are Webcast

All meeting attendees are advised that all electronic devices should be placed in silent mode to prevent interruptions in our public meeting proceedings.

Any member of the public may address the Governing Board during both the public comment item and on any item on the agenda. Comments are limited to a maximum of three minutes per speaker, at the Chair's discretion.

2021 SCHEDULE

SEPTEMBER 16, 2021
OCTOBER 21, 2021
NOVEMBER 18, 2021 - TENTATIVE
DECEMBER 16, 2021

For comprehensive information, please visit the District's website at:
http://www.valleyair.org/Board_meetings/governing_board_idx.htm

REGIONAL HEARING BOARDS

TENTATIVE MEETINGS

(Hearing Boards meet only if petitions are received)

NORTHERN REGION HEARING BOARD

Meets on the first Wednesday of every month
Hearing Board meetings will commence at 10:00 a.m.

**NORTHERN REGION OFFICE, VTC ROOM
4800 ENTERPRISE WAY, MODESTO, CA**

Meetings held via Zoom video teleconference (VTC) with the
Central Region Office (Fresno, CA) participating

All meeting attendees are advised that all electronic devices should be placed in silent mode to
prevent interruptions in our public meeting proceedings.

2021 SCHEDULE

SEPTEMBER 1, 2021

OCTOBER 6, 2021

NOVEMBER 3, 2021

DECEMBER 1, 2021

For comprehensive information, please visit the District's website at:
http://www.valleyair.org/Board_meetings/hb_idx.htm

SOUTHERN REGION HEARING BOARD

Meets on the second Wednesday of every month
Hearing Board meetings will commence at 10:00 a.m.

**SOUTHERN REGION OFFICE, VTC ROOM
34946 FLYOVER COURT, BAKERSFIELD, CA**

Meetings held via Zoom video teleconference (VTC) with the
Central Region Office (Fresno, CA) participating

All Meeting attendees are advised that all electronic devices should be placed in silent mode to
prevent interruptions in our public meeting proceedings.

2021 SCHEDULE

SEPTEMBER 8, 2021
OCTOBER 13, 2021
NOVEMBER 10, 2021
DECEMBER 8, 2021

For comprehensive information, please visit the District's website at:

http://www.valleyair.org/Board_meetings/hb_idx.htm

CENTRAL REGION HEARING BOARD

Meets on the third Wednesday of every month
Hearing Board meetings will commence at 10:00 a.m.

**CENTRAL REGION OFFICE, GOVERNING BOARD ROOM
1990 EAST GETTYSBURG AVENUE, FRESNO, CA**

Meetings held via Zoom video teleconference (VTC) with the
Central Region Office (Fresno, CA) participating

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2021 SCHEDULE

SEPTEMBER 15, 2021

OCTOBER 20, 2021

NOVEMBER 17, 2021

DECEMBER 15, 2021

For comprehensive information, please visit the District's website at:
http://www.valleyair.org/Board_meetings/hb_idx.htm

CITIZENS ADVISORY COMMITTEE MEETINGS

Meets on the first Tuesday of every month (except July and November)
Meeting will commence at 10:00 a.m.

**CENTRAL REGION OFFICE, GOVERNING BOARD ROOM
1990 EAST GETTYSBURG AVENUE, FRESNO, CA**

Meetings held via Zoom video teleconference (VTC) with the
Northern Region Office (Modesto, CA) and the Southern Region
Office (Bakersfield, CA) participating

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prevent interruptions in our public meeting proceedings.

2021 SCHEDULE

SEPTEMBER 7, 2021
OCTOBER 5, 2021
NO NOVEMBER MEETING
DECEMBER 7, 2021

For comprehensive information, please visit the District's website at:
http://www.valleyair.org/Board_meetings/cac_idx.htm

ENVIRONMENTAL JUSTICE ADVISORY GROUP MEETINGS

Meets on the fourth Thursday of every other month
Meeting will commence at 5:30 p.m.

**CENTRAL REGION OFFICE, GOVERNING BOARD ROOM
1990 EAST GETTYSBURG AVENUE, FRESNO, CA**

Meetings held via Zoom video teleconference (VTC) with the
Northern Region Office (Modesto, CA) and the Southern Region
Office (Bakersfield, CA) participating

All meeting attendees are advised that all electronic devices should be placed in silent mode to
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2021 SCHEDULE

AUGUST 26, 2021
OCTOBER 28, 2021

For comprehensive information, please visit the District's website at:
http://www.valleyair.org/Programs/EnvironmentalJustice/Environmental_Justice_idx.htm

San Joaquin Valley Unified Air Pollution Control District
Meeting of the Governing Board
August 19, 2021

**RECEIVE AND FILE LIST OF SCHEDULED
MEETINGS FOR 2021**

Attachment B:

SUMMARY OF RULES AND PLANS
(6 pages)

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT
SUMMARY OF RULES AND PLANS
August 19, 2021

Copies of draft plans and rules are available by calling (559) 230-6100 and on the District's Website www.valleyair.org/workshops/public_workshops_idx.htm
Staff contacts can be reached at (559) 230-6100

Air Quality Attainment Plans

Federal PM_{2.5} Standards: The District adopted the *2018 Plan for the 1997, 2006, and 2012 PM_{2.5} Standards (2018 PM_{2.5} Plan)* on November 15, 2018. This plan addresses the EPA federal 1997 annual PM_{2.5} standard of 15 µg/m³ and 24-hour PM_{2.5} standard of 65 µg/m³; the 2006 24-hour PM_{2.5} standard of 35 µg/m³; and the 2012 annual PM_{2.5} standard of 12 µg/m³.

Status: On June 30, 2020, US EPA approved portions of the *2018 PM_{2.5} Plan* and the *San Joaquin Valley Supplement to the 2016 State Strategy for the State Implementation Plan* related to the 2006 24-hour PM_{2.5} National Ambient Air Quality Standard (NAAQS) of 35 µg/m³. Additionally, EPA granted an extension of the Serious area attainment date for the 2006 PM_{2.5} NAAQS from December 31, 2019, to December 31, 2024. Federal review of portions of the plan that pertain to the other PM_{2.5} standards will continue in 2021.

Update on 1997 PM_{2.5} Standard: With respect to the 65 µg/m³ 24-hour portion of the 1997 PM_{2.5} standard, the District submitted documentation to CARB and EPA demonstrating that this standard has been met by the 2020 attainment target. This demonstration included "exceptional event" documentation of the severe wildfire impacts on the Valley's air quality in the year 2020. In preparing this analysis, the District worked closely with CARB and EPA to ensure that all of the needed documentation had been completed to support a clean data determination of this portion of the 1997 PM_{2.5} standard. On July 13, 2021, EPA formally approved the District's exceptional event documentation, and the Valley is now able to demonstrate that it meets the 65 µg/m³ standard.

Regarding the 15 µg/m³ annual average standard, the Valley would have met this standard by the projected attainment target of 2020, but for the significant wildfire impacts, as well as data collection issues at the Valley's peak air monitoring site in Bakersfield (operated by CARB) during the 2018-2020 period. Annual PM_{2.5} levels throughout the Valley have seen a continued steady decline. After excluding data impacted by wildfire exceptional events, the entire Valley is now meeting the standard, with only the Bakersfield-Planz site monitoring site exceeding the 15 µg/m³ annual standard (with a three-year design value of 15.4 µg/m³).

While significant progress has been made, EPA believes these unprecedented wildfire impacts and data issues prevent it from reaching a finding of attainment of this standard by the 2020 attainment target. Due to these issues, on July 13, 2021, EPA proposed to disapprove the portions of the 2018 PM_{2.5} Plan related to the 1997 annual PM_{2.5} standard. Any potential sanctions clocks associated with this proposed action would be addressed upon U.S. EPA approval of a plan revision that addresses the deficiencies.

To address EPA's proposed action, District staff are working with CARB to prepare an administrative revision to the 2018 PM_{2.5} Plan to establish a new attainment target date for the 1997 annual PM_{2.5} standard of December 31, 2023, with anticipated consideration of the proposed revision by the District Governing Board at the August 19, 2021 Governing Board meeting, followed by CARB action and submission to EPA in September 2021. Based on the

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continued implementation of the existing control strategy adopted in the *2018 PM_{2.5} Plan*, District and CARB modeling has shown that the Valley will demonstrate attainment of the 1997 annual PM_{2.5} standard by the new attainment date of 2023, if not earlier. Measures achieving additional emissions reductions during the new projected 2023 timeframe include CARB's heavy-duty truck inspection and maintenance program, the agricultural equipment replacement program, amended warranty requirements for heavy-duty vehicles, and lower opacity limits for heavy-duty vehicles, as well as the District's residential woodsmoke reduction strategy.

The anticipated District/CARB administrative plan revision will be prepared as a streamlined document that utilizes the existing emissions inventory, air quality analysis and modeling from the *2018 PM_{2.5} Plan*. A public process was held, which included a public workshop on August 2, 2021, and a 30-day public review and commenting period, which preceded the August 19, 2021 public hearing.

Governing Board Public Hearing: August 19, 2021

Contact: Jessica Coria

2015 8-Hour Ozone Standard (70 ppb): EPA revised the 8-hour ozone standard to 70 ppb from 75 ppb on October 1, 2015. EPA designated the Valley as Extreme nonattainment effective August 3, 2018. The District is mandated to complete a demonstration that District rules implement reasonably available control technology (RACT) for incorporation into the California State Implementation Plan (SIP) for this standard two years after designation; develop an attainment plan to address this standard four years after designation; and attain the standard as expeditiously as practicable, no later than 20 years after designation. The District's RACT analysis was built upon analyses completed as a part of the *2018 PM_{2.5} Plan*, as well as the Best Available Retrofit Control Technology (BARCT) review required under Assembly Bill 617. The District has begun the process of developing the attainment plan for this standard, which includes further development of the emissions inventory, modeling analysis, and strategy development. This analysis includes reviewing and identifying potential opportunities for regulatory and incentive based emissions reductions, which build on the extensive analyses conducted for several recently adopted air quality attainment plans. The attainment plan to address this standard is due to EPA by August 3, 2022.

Most recently, the District has proposed a certification that current rules for large boilers address the federal Clean Air Act's (CAA) Clean Fuel for Boilers Requirements for the 2015 8-hour Ozone Standard. CAA Section 182(e)(3) directs extreme nonattainment areas to require that each new, modified, and existing electric utility and industrial and commercial boiler which emits more than 25 tons per year of oxides of nitrogen to: (A) burn as its primary fuel natural gas, methanol, or ethanol (or comparable low polluting fuel) or (B) use advanced technology (such as catalytic control technology or other comparable effective control methods) for reduction of emissions of nitrogen. The District is required to make this demonstration for each ozone NAAQS, including for the 2015 8-hour Ozone NAAQS. This demonstration is due to EPA by August 3, 2021.

Status: The 2020 RACT Demonstration for the 2015 Ozone Standard was adopted by the Governing Board on June 18, 2020, and has been submitted to CARB and EPA. District staff is in the early stages of plan development to address the 2015 8-hour ozone standard. The District hosted a public workshop on April 27, 2021, to discuss and receive feedback on the upcoming District efforts related to the 2015 8-hour ozone standard. As part of the plan development to

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address the 2015 8-hour ozone standard and pursuant to the federal Clean Air Act section 182(e)(3), the District has prepared the Clean Fuel for Boilers Certification for proposed adoption by the Governing Board on June 17, 2021. The District hosted a Technical Working Group for the development of the 2022 Ozone Plan on July 13, 2021.

Governing Board Public Hearing: 2021

Contact: Jessica Coria

1987 PM10 Standard (24-hour 150 $\mu\text{g}/\text{m}^3$): In October 2006, EPA issued a Final Rule determining that the San Joaquin Valley attained the federal PM10 standard. The District subsequently adopted a maintenance plan (*2007 PM10 Maintenance Plan*) to provide for the maintenance of the standard through 2020 and request redesignation of the Valley from Serious nonattainment to attainment. In December 2008, EPA redesignated the Valley to attainment of the federal PM10 standard. This was a historic achievement representing years of hard work by individuals, industry, agriculture, Valley communities, and the District.

Status: Pursuant to the federal Clean Air Act (see section 175A(b)), the District is currently preparing a maintenance plan SIP revision to provide for continued attainment through 2030.

Governing Board Public Hearing: 2021

Contact: Jessica Coria

1979 1-hr Ozone Standard (124 ppb): In 2014, due to the significant investments made by Valley businesses and residents and stringent regulatory programs by the District and CARB, the Valley attained the 1-hour ozone standard. In July 2016, EPA issued a Final Rule determining the San Joaquin Valley attained the revoked federal 1-hour ozone standard. EPA has no mechanism for formally redesignating areas to attainment for a revoked standard. EPA enables states to demonstrate that they have satisfied requirements for a revoked standard through a redesignation substitute. The District developed a redesignation request report that included a demonstration of maintenance of the revoked standard for at least a ten-year period.

Status: Due to a recent court ruling that vacated the use of a redesignation substitute, the District is awaiting updated guidance from EPA on a mechanism to formally redesignate areas to attainment for a revoked standard.

Contact: Jessica Coria

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Rule Development

Rule 4702 (Internal Combustion Engines): Rule 4702 establishes NO_x, CO, VOC, and SO_x emission limitations for internal combustion (IC) engines. In the continuous effort to improve air quality in the Valley, the District has adopted numerous amendments to Rule 4702 that have resulted in significant reductions in emissions. To date, the rule has effectively reduced emissions by 85%-95% depending on the category of engine. The *2018 PM_{2.5} Plan* includes commitments to evaluate potential emission reduction opportunities for a number of agricultural and non-agricultural IC engines categories. Therefore, the District has launched a public regulatory amendment process to evaluate the technological and economic feasibility of further reducing emission limits for internal combustion engines located within the Valley.

Status: The District hosted a public scoping meeting on December 5, 2019. A public workshop was held on September 24, 2020, November 19, 2020, and hosted a third workshop on June 28, 2021. This rule is scheduled to be discussed at the August 2021 Governing Board meeting.

Governing Board Public Hearing: August 19, 2021

Contact: Madison Perkins

Expedited BARCT Implementation Schedule: Consistent with longstanding state law, the District has adopted Best Available Retrofit Control Technology (BARCT) rules on an ongoing basis to reduce emissions from existing equipment at particular source categories. These requirements are set considering feasibility, cost-effectiveness, and the nature and severity of the air quality attainment challenges in a region.

In September of 2017, Assembly Bill (AB) 617 was signed into law and added a new requirement that by January 1, 2019, air districts in non-attainment areas adopt an expedited schedule to implement the most current BARCT limits on industrial sources that are subject to the AB 32 Cap-and-Trade program by December 31, 2023.

On December 20, 2018 the District's Governing Board approved the Expedited BARCT Implementation Schedule as required under AB 617. For all rules where further analysis was deemed necessary to determine whether a District rule continues to meet the most current BARCT levels, the District will engage in a public process to assess specific air pollution control technologies in accordance with the Expedited BARCT Implementation Schedule. Based on the BARCT assessment, the District will proceed with any necessary rule amendments through a robust public process to implement BARCT.

Status: The District Governing Board adopted the BARCT Implementation Schedule in December 2018. The District has hosted a number of public meetings, with the most recent workshop held on April 20, 2021 to provide an update on the BARCT analysis of District rules and the District's Expedited BARCT Implementation Schedule. Rule evaluation and public engagement will be ongoing in 2021/2022.

Contact: Brian Clements

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT
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Rule 4354 (Glass Melting Furnaces): Rule 4354 limits emissions of NO_x, CO, VOC, SO_x, and PM₁₀ emissions from glass melting furnaces. In the continuous effort to improve air quality in the Valley, the District has adopted numerous amendments to Rule 4354 that have resulted in significant reductions in emissions. The *2018 PM_{2.5} Plan* includes commitments to evaluate potential emission reduction opportunities for container glass melting furnaces to the extent that such controls are technologically and economically feasible. The District will also evaluate potential opportunities to reduce emissions from flat glass and fiberglass production facilities. The District has launched a public regulatory amendment process to evaluate the technological and economic feasibility of further reducing emission limits from glass melting furnaces located within the Valley.

Status: The District hosted a public scoping meeting on December 3, 2020. Rule development and public engagement will be ongoing in 2021.

Governing Board Public Hearing: 2021

Contact: Ariana Hooks

Rule 4352 (Solid Fuel-Fired Boilers, Steam Generators, and Process Heaters): Rule 4352 limits NO_x and CO emissions from any boiler, steam generator or process heater fired on solid fuel, which are used in a broad range of industrial, commercial, and institutional settings. The *2018 PM_{2.5} Plan* includes commitments to work with affected operators to further reduce NO_x emissions for municipal solid waste-fired units to the extent that such controls are technologically and economically feasible. As a part of this rule amendment, the District will also evaluate potential opportunities to reduce emissions from solid-fuel fired units located at biomass facilities. The District has commenced a public process to evaluate potential rule amendments to achieve further emissions reductions from this source category.

Status: The District hosted a public scoping meeting on December 3, 2020. Rule development and public engagement will be ongoing in 2021.

Governing Board Public Hearing: 2021

Contact: Ross Badertscher

Rule 4401 (Steam-Enhanced Crude Oil Production Wells), Rule 4409 (Components at Light Crude Oil Production Facilities, Natural Gas Production Facilities, and Natural Gas Processing Facilities), Rule 4455 (Components at Petroleum Refineries, Gas Liquids Processing Facilities, and Chemical Plants), Rule 4623 (Storage of Organic Liquids), and Rule 4624 (Transfer of Organic Liquid): The purpose of these rules is to limit Volatile Organic Compound (VOC) emissions from oil and natural gas production and processing facilities and associated wells and tanks. Following the evaluations conducted under the District's expedited review of Best Available Retrofit Control Technology (BARCT) required by AB 617, the District has begun a public process to evaluate potential rule amendments to ensure these rules meet BARCT requirements.

Status: The District hosted a public scoping meeting on December 11, 2020. Rule development and public engagement will be ongoing in 2021.

Governing Board Public Hearing: 2021

Contact: Michael Corder

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2020 Staff Report and Recommendations on Agricultural Burning: Through the requirements of Senate Bill 705 (2003 Florez) and amendments to District Rule 4103 (Open Burning), the Valley has implemented open burning prohibitions for 90% of the crops identified in SB 705. Before the decline of the biomass industry and the recent historic drought across the Western U.S., these efforts resulted in an 80% reduction in the open burning of agricultural waste. As required under Rule 4103 and consistent with CH&SC §41855.5 and 41855.6, the District prepared the *2020 Staff Report and Recommendations on Agricultural Burning* (2020 Report) which was adopted the Governing Board on December 17, 2020. Through the 2020 Report, the District developed a comprehensive approach to eliminate agricultural managed burning where feasible, including new prohibitions on open burning reliant on newly emergent alternatives, a call for federal, state and local incentive funding to assist with widespread transition to costly new alternatives, and partnerships with agricultural stakeholders, CARB, and USDA-NRCS to assist with the final stages of development of feasible alternatives.

On February 5, 2021, CARB staff published their recommendations regarding the District's 2020 Report, and on February 25, CARB approved their staff's recommendations. This CARB action included full short-term concurrence with the District's 2020 Report and recommendations through August 31, 2021, longer-term concurrence with many of the District's 2020 Report recommendations through 2025, and additional criteria that must be addressed for longer-term concurrence beyond August 31, 2021, including a timeline for the near-complete phase-out of open burning for the majority of remaining crop categories by January 1, 2025 (with some exceptions, such as diseased crops). Additionally, in supporting their concurrence action, CARB highlighted and affirmed the critical role that the state plays in securing needed state incentive funding to support the transition, and addressing barriers to the establishment of new bioenergy solutions. In accordance with CARB's recommendations, the District is required to develop a supplemental report to update the District's strategy to reduce emissions from open agricultural burning for submittal to CARB by August 2021.

Status: A public workshop was held on April 30, 2021, and a second workshop on June 3, 2021 to receive feedback on the draft supplemental report and updated strategy to phase-out agricultural open burning in the Valley. The required *Supplemental Report and Recommendations on Agricultural Burning* were considered and approved at the Governing Board hearing on June 17, 2021, and on June 18, 2021, CARB provided concurrence.

Governing Board Public Hearing: June 2021

Contact: Emily Kneeland