



DNREC Virtual Public Hearing

Proposed Revisions to:

**Delaware's Second Particulate Matter (PM)
Limited Maintenance Plan
(Docket # 2022-R-A-0006)**

Welcome. Any visual content that is part of this hearing will appear in this window.

Computer Audio: Use the **audio connections menu** to turn audio on or off.

Telephone Audio: DIAL-in Number: 1-646-931-3860

Meeting ID: 848 3456 0743

Passcode: 525367

Comments will be accepted using the DNREC Comment form, via email, or by USPS mail as noted on the hearing event page (<https://de.gov/dnrechearings>)

Division of Air Quality

Proposed Revisions to Delaware's Second PM Limited Maintenance Plan (Docket # 2022-R-A-0006)

Delaware's State Implementation Plan

- Identifies how Delaware will attain and maintain air quality
- Delaware's State Implementation Plan (SIP) is compiled at 40 CFR Part 52, Subpart I

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- Particulate Matter is a mixture of solid particles and liquid droplets found in the air
- Fine particles, Particulate Matter_{2.5} (PM_{2.5}), can penetrate deep into the lungs as well as degrade environmental health by reducing visibility

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- On October 17, 2006, Environmental Protection Agency (EPA) promulgated a revised National Ambient Air Quality Standard (NAAQS) 24-hour standard for PM_{2.5} in 2006 of 35 µg/m³ based on a 3-year average of the 98th percentile of 24-hour concentrations

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Proposed Revisions to Delaware's Second PM Limited Maintenance Plan (Docket #2022-R-A-0006)

- This second Maintenance Plan addresses the New Castle County portion of the Philadelphia - Wilmington, PA-NJ-DE 2006 24-hour PM_{2.5} NAAQS maintenance area
- New Castle County designated as **non-attainment** for this new standard
- Kent and Sussex Counties designated as **attainment** for this new standard

Division of Air Quality

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November 2012

- Requested redesignation to attainment
- Submitted First Maintenance Plan

August 2014

- EPA redesignated the area to attainment
- EPA approved Delaware's First Maintenance Plan

Division of Air Quality

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- Plans cover ten-year periods
 - First Implementation Period 2015-2025
 - **Second Implementation Period 2025-2035**
- This Second Maintenance Plan ensures that Delaware will continue to maintain the NAAQS through 2035

Division of Air Quality

Proposed Revisions to Delaware's Second PM Limited Maintenance Plan

(Docket # 2022-R-A-0006)

- The Second Maintenance Plan includes:
 - Emission inventories – 2008 Attainment Year Inventory to identify the level of emissions sufficient to achieve the NAAQS and 2017 emissions inventory to show emissions reductions
 - Monitoring network – description of PM_{2.5} monitoring network
 - Control measures – controls needed to attain the NAAQS
 - Contingency Plan – specific control measures that could be implemented if the area fails to meet the 2006 24-hr PM_{2.5} NAAQS
 - Maintenance Demonstration – Demonstrates that the area has continued to meet the NAAQS

Division of Air Quality

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Hearing Exhibit List:

- Exhibit 1: 2006 PM2.5 Daily NAAQS - Final Rule
- Exhibit 2: 2006 PM2.5 Daily NAAQS - Implementation Rule
- Exhibit 3: Register Notice for the proposed revisions to Delaware's Second Particulate Matter Limited Maintenance Plan, published in Delaware Register of Regulations on January 1, 2024
- Exhibit 4: Affidavit and legal notice in the December 17, 2023 Delaware State News.
- Exhibit 5: Affidavit and legal notice in the December 17, 2023 News Journal.

Division of Air Quality

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Hearing Exhibit List (Cont.):

- Exhibit 6: Notice for today's hearing on the State of Delaware Public Meeting Calendar, dated December 17th, 2023
- Exhibit 7: Legal notice for today's hearing, as posted on the website for DNREC Public Hearings, dated December 17th, 2023
- Exhibit 8: "Proposed Delaware's Second Particulate Matter Limited Maintenance Plan", proposed by the Department in today's public hearing
- Exhibit 9: Appendices to "Proposed Delaware's Second Limited Maintenance Plan", proposed by the Department in today's public hearing
- Exhibit 10: The Department's presentation at today's hearing



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Thank you for joining us. We will accept comments on this matter through February 7, 2024.

Comments may be submitted in writing

Via online form at <https://de.gov/dnrecomments>, via email to DNRECHearingComments@delaware.gov, or USPS mail:

Theresa Smith, Hearing Officer
DNREC – Office of the Secretary
89 Kings Highway, Dover, DE 19901

The full verbatim transcript will be posted when it becomes available.

For more information, find the event page for this hearing on the DNREC Public Hearings page at

<https://de.gov/dnrehearings>