

Staff Report
Board Meeting Date: June 27, 2024

DATE: June 6, 2024

TO: District Board of Health

FROM: Francisco Vega, P.E., Division Director
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SUBJECT: Adoption of the “Second 10-Year Maintenance Plan for the Truckee Meadows 24-Hour PM₁₀ Attainment Area” in accordance with Section 175A(b) of the Clean Air Act.

SUMMARY

The Truckee Meadows was redesignated as an attainment area for the 24-hour particulate matter less than 10 microns in diameter (PM₁₀) National Ambient Air Quality Standard (NAAQS) in 2016 by the Environmental Protection Agency (EPA). In accordance with Section 175A(b) of the Clean Air Act (CAA), the AQMD is submitting the Second 10-Year Maintenance Plan for the Truckee Meadows 24-hour PM₁₀ Attainment Area for adoption by the District Board of Health (DBOH) as a revision to the Washoe County portion of the Nevada PM₁₀ State Implementation Plan (SIP).

District Health Strategic Priorities supported by this item:

- 1. Healthy Lives:** Improve the health of our community by empowering individuals to live healthier lives.
- 2. Healthy Environment:** Create a healthier environment that allows people to safely enjoy everything Washoe County offers.
- 3. Local Culture of Health:** Lead a transformation in our community’s awareness, understanding, and appreciation of health, resulting in direct action.

PREVIOUS ACTION

The Redesignation Request and First 10-Year Maintenance Plan for the Truckee Meadows 24-Hour PM₁₀ Nonattainment area was adopted by the DBOH on August 28, 2014.

BACKGROUND

The EPA has established health-based NAAQS for six criteria pollutants, including PM₁₀. During the 1970s and 1980s, the Truckee Meadows portion of Washoe County frequently exceeded and violated the PM₁₀ NAAQS. Because of these violations, the Truckee Meadows was designated as a nonattainment area for the 24-hour PM₁₀ NAAQS. Nonattainment areas, such as the Truckee Meadows, are required by the CAA to develop an SIP demonstrating the NAAQS attainment.

Northern Nevada Public Health Air Quality Management Division (AQMD) developed an SIP that identified and applied Best Available Control Measures (BACM) to the most significant wintertime PM₁₀ categories in Truckee Meadows. These categories included residential wood combustion, paved

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roads, street sanding, street sweeping, and construction/grading projects. The DBOH has adopted local regulations for these categories over the years, which have resulted in air quality improvements.

In 2014, a Redesignation Request and the First 10-year Maintenance Plan were adopted by the DBOH and submitted to the EPA. EPA redesignated the Truckee Meadows as an attainment area on January 7, 2016, and approved the First 10-Year Maintenance Plan in the same action.

If the Second 10-year Maintenance Plan is adopted, it will be submitted to EPA through the Nevada Division of Environmental Protection (NDEP) as a revision to the Washoe County portion of the Nevada PM₁₀ SIP. This plan, including appendices, can be accessed on OurCleanAir.com.

FISCAL IMPACT

No fiscal impact.

RECOMMENDATION

Staff recommends that the DBOH adopt the Second 10-Year Maintenance Plan for the Truckee Meadows 24-Hour PM₁₀ Attainment Area in accordance with Section 175A(b) of the Clean Air Act.

POSSIBLE MOTION

Should the Board agree with the staff's recommendation, a possible motion would be:

“Move to approve and adopt the Second 10-Year Maintenance Plan for the Truckee Meadows 24-Hour PM₁₀ Attainment Area in accordance with Section 175A(b) of the Clean Air Act.”