

DRAFT 2022 REGIONAL SULFUR DIOXIDE EMISSIONS AND MILESTONE REPORT

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1. Clean Air Act and EPA's Regional Haze Rule
2. How Sulfur Dioxide Impacts Visibility
3. Albuquerque – Bernalillo County's Regional Haze State Implementation Plan (SIP)
4. 2022 Regional Emissions and Milestone
5. Public Participation and Air Board Approval

Federal Clean Air Act

“Congress hereby declares as a national goal the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory class I Federal areas which impairment results from manmade air pollution.”

-Section 169A

EPA's Regional Haze Rule

- Issued in 1999
- Requires states to adopt implementation plans to improve visibility at mandatory Class I areas
 - 156 areas nationwide
 - 9 areas in New Mexico
 - Closest to Albuquerque is Bandelier Wilderness Area
- Goal = natural visibility by 2064

CLASS I AREAS

Mandatory Class I Areas



How Sulfur Dioxide Impacts Visibility

- Largest source of sulfur dioxide is the burning of fossil fuels by power plants and other industrial facilities
- Sulfur dioxide reacts with other compounds in the atmosphere to form fine particles
- Particle pollution is the main cause of reduced visibility

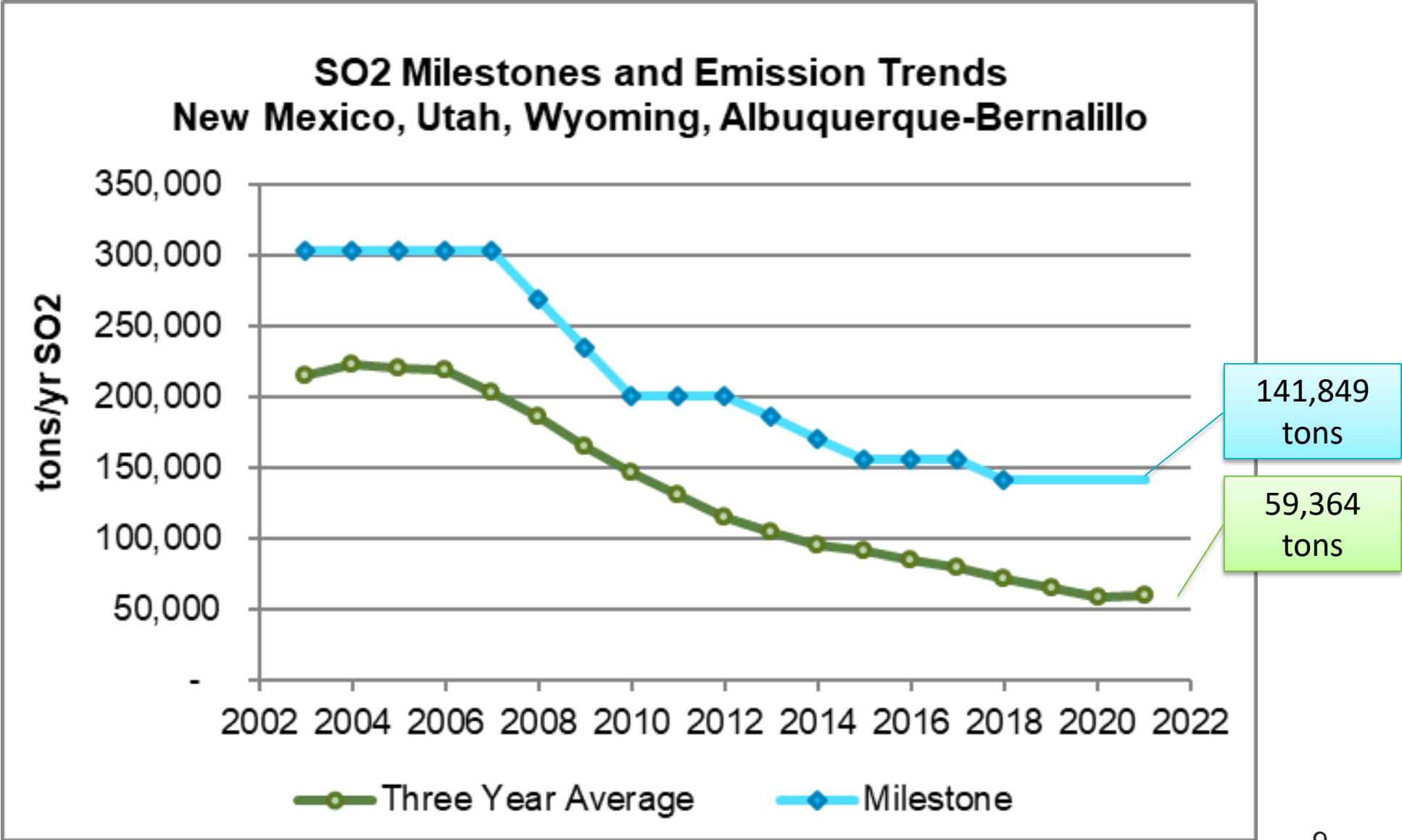
Albuquerque – Bernalillo County's Regional Haze SIP

- Adopted in 2003; Revised in 2008 and 2011
- Covers the first regional haze planning period (through 2018), but certain provisions continue into future years
- Addresses sulfur dioxide through the SO₂ Milestones and Backstop Trading Program
 - Regional milestones (NM, UT, WY)
 - Emissions tracking for large sources (>100 tons/year)
 - Backstop trading program

2022 Regional Emissions and Milestone

- Reported emissions = 50,022 tons
 - Albuquerque-Bernalillo County: 99 tons
 - New Mexico: 2,232 tons
 - Utah: 8,952 tons
 - Wyoming: 38,739 tons
- Adjusted emissions = 59,364 tons
- Milestone = 141,849 tons

The 2022 Milestone has not been Exceeded



Public Participation and Air Board Approval

- Anticipate publishing notice in the next week
 - EHD website, EHD listserv, ABQ Journal (in process)
- Public comment period runs for 30 days
- Air Board's Role:
 - February 14: Presentation on draft report
 - March or April meeting (?): Review and approve final report
- Following Board approval, EHD will submit the final report to EPA and publish notice of final determination that the milestone has been met

QUESTIONS?



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