



Proposed Revisions to the Federal Ozone Standards and Preliminary Analysis

By

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Presentation at the 1-13-10 A/BCAQCB
Meeting

Recent Action

- Based on its reconsideration of the March 2008 federal Ozone Standards, on January 7, 2010 EPA proposed new ranges of Primary and Secondary Ozone Standards.
- EPA determined the 2008 Primary Ozone Standard was NOT protective of Public Health and the Secondary Ozone Standard was NOT protective of vegetation and forested ecosystems.
- The proposed revised standards are consistent with the recommendations of Clean Air Scientific Advisory Committee (CASAC).

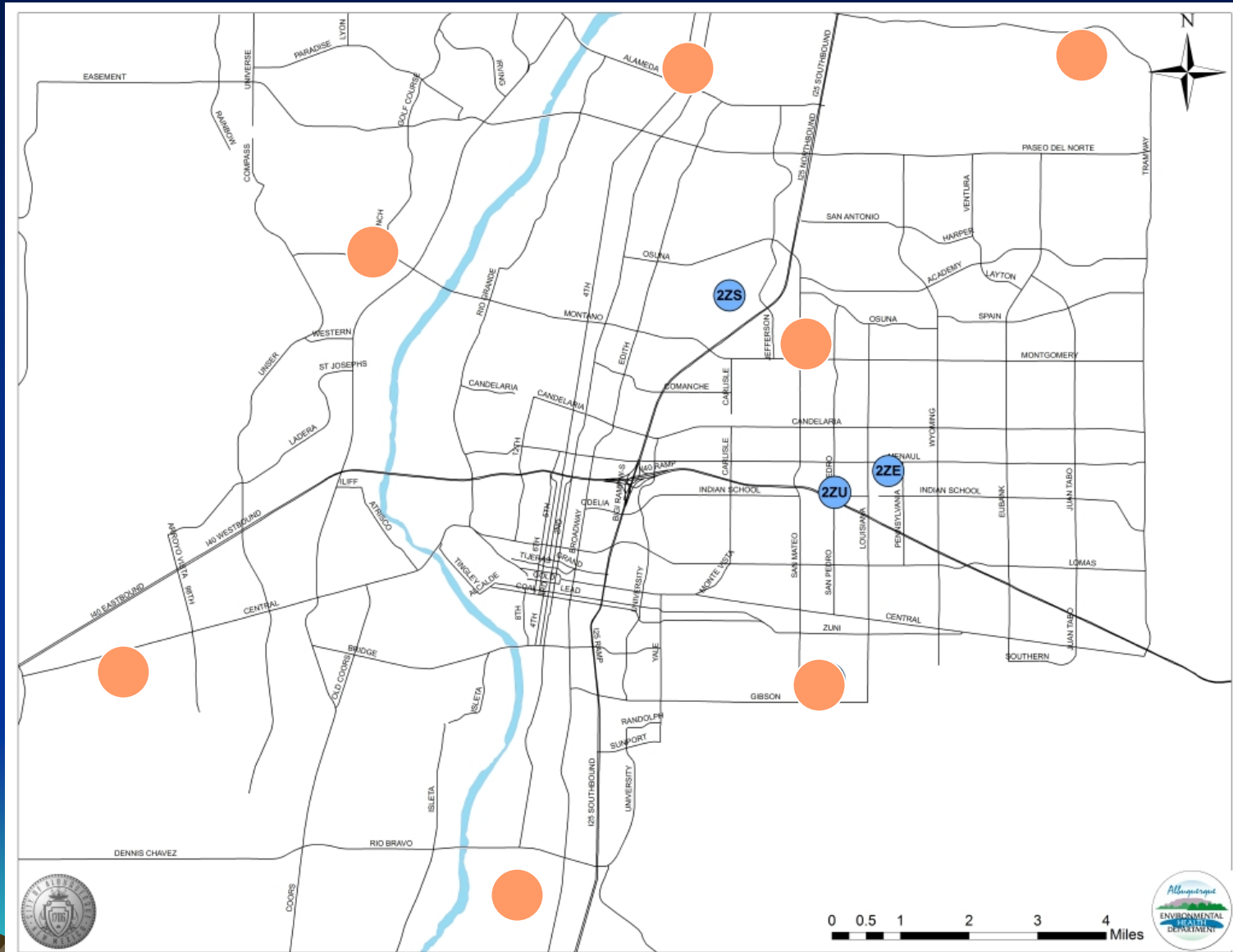
Proposed Ozone Action

- EPA is considering setting a Primary Ozone Standard in the range of .060 to .070 parts per million (ppm). This is to ensure the standard is protective of public health with an adequate safety margin.
- EPA is also considering setting a new cumulative seasonal Secondary Ozone Standard in the range of 7 to 15 ppm-hours. (ppm) to protect ecosystems.

Preliminary Unofficial Analysis

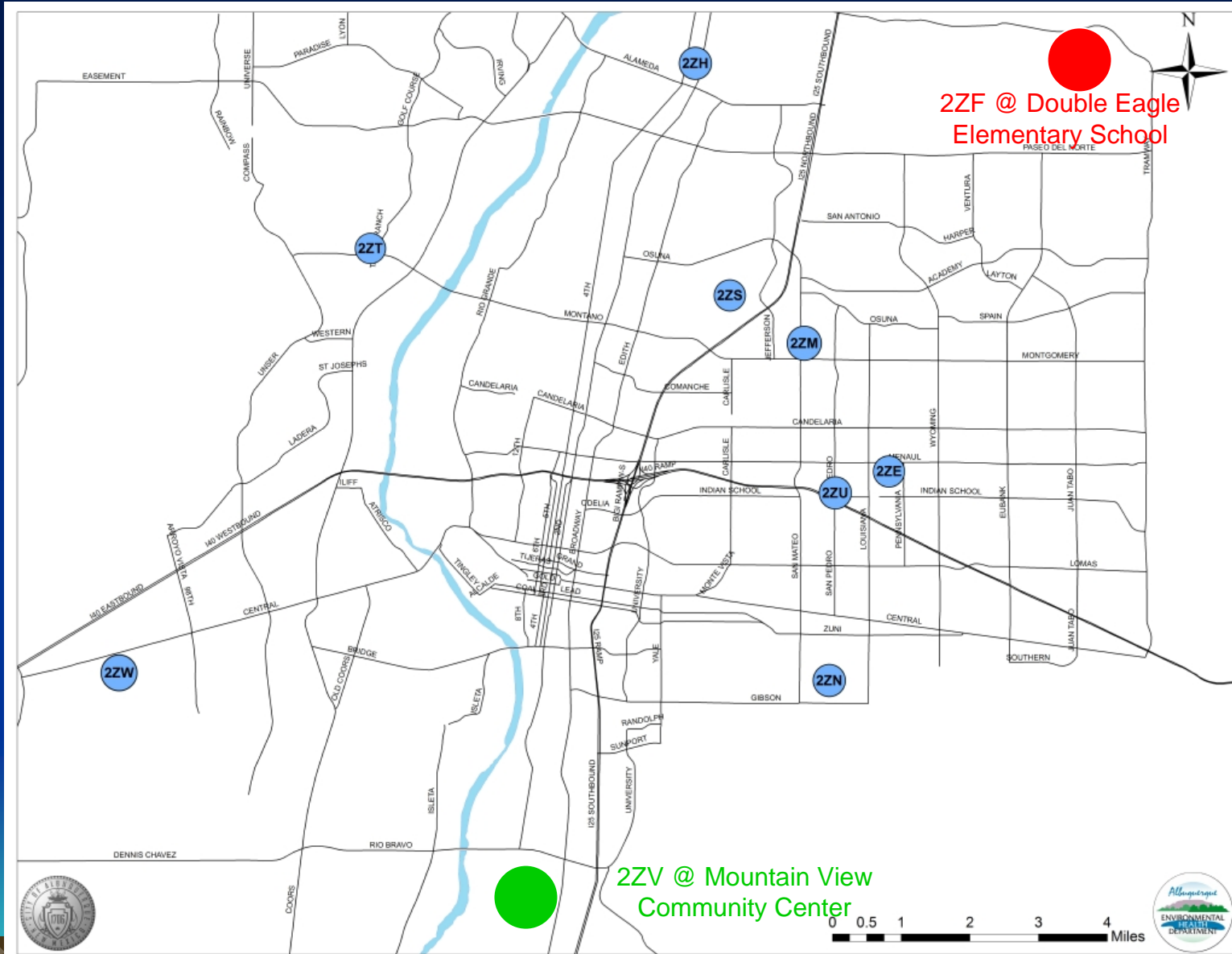
- If the 2010 Primary Standard is set at 0.070 ppm
 - 2ZF- Double Eagle Elementary School will be at 100% of the standard @ 0.070 ppm
 - 2ZV - South Valley will be at 0.066 ppm, the lowest site.
- If the 2010 Secondary Standard is set at 15 ppm-hours
 - 2ZF- Double Eagle Elementary School will exceed the standard @ 16.98 ppm.
 - 2ZV - South Valley will be at 10.17 ppm, the lowest site.
- Our Airshed would be at 100% of the proposed Primary Ozone Standard and exceeding the upper limit of the Proposed Secondary Ozone Standard.

Ozone Monitors in Bernalillo County



Presentation at the 1-13-10 A/BCAQCB Meeting

Ambient Air Monitoring Stations – 2ZF and 2ZV



Presentation at the 1-13-10 A/BCAQCB Meeting

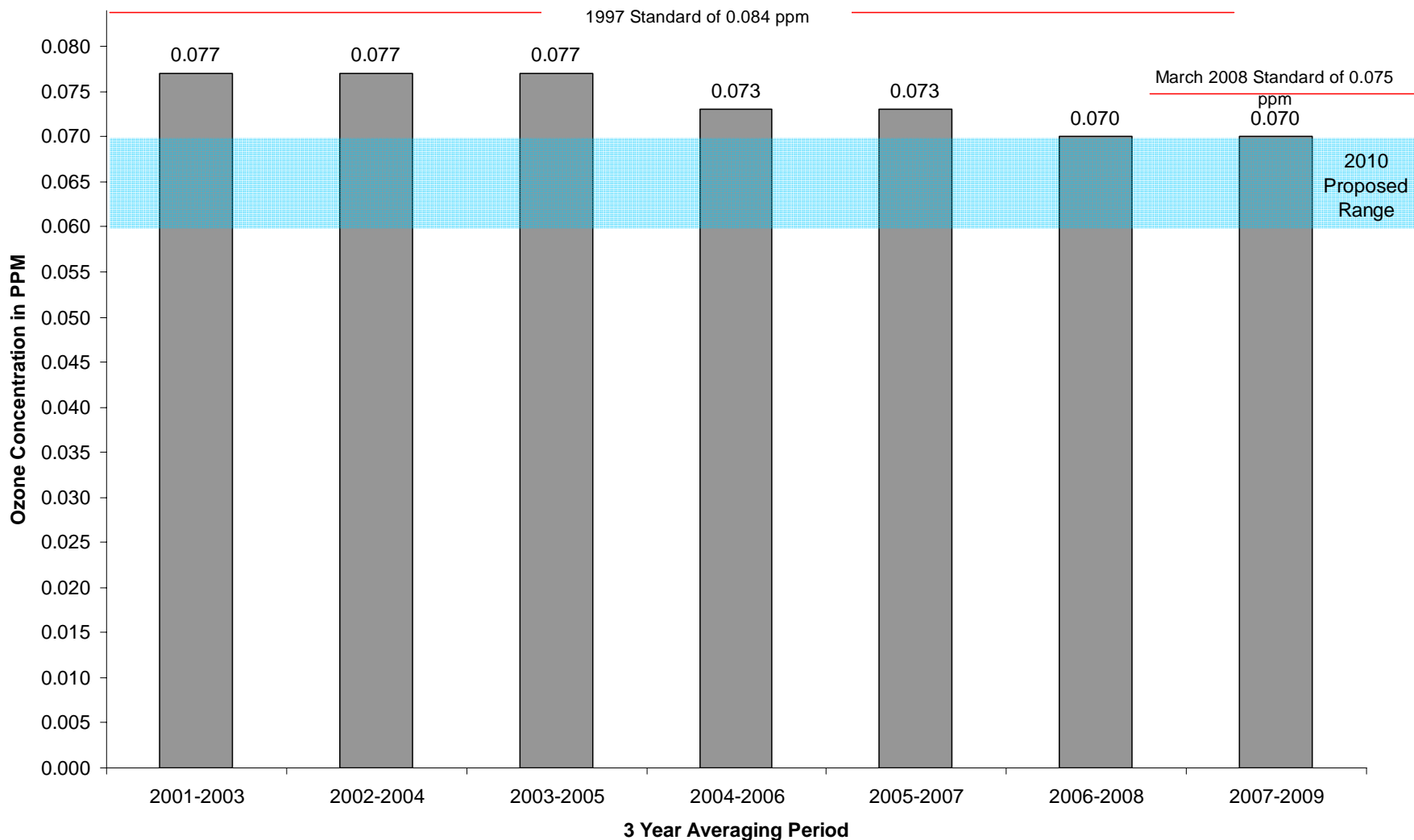


9 Years of Ozone

Bernalillo County New Mexico

3 Year Averages, Network High 8 Hour Averages of the fourth highest value
as compared to the NAAQS

City of Albuquerque, Environmental Health Department, AQD EPA AQS Data



Upcoming Air Quality Challenges

- Maintaining Compliance with the Federal Ozone Standard as they are lowered/strengthened.
- Bernalillo County is at about 93% of the *Current 2008* Federal Ozone Standard.
- Ozone-Levels in Albuquerque Have Dropped in Recent Years, but the Federal Standards for Ozone Have Been Strengthened, or Lowered, at a Faster Rate.
- Identifying, Developing and Implementing Effective Control Strategies for Ozone precursors.
- Working together to comply with the new standards.