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Hayden | PM-10 Nonattainment Area

Revised on: November 29, 2018 - 12:14pm

County Affected:

Parts of Pinal County | [View on a Map >](#)

Nonattainment Area Designation Date:

Oct. 31, 1990
(55 FR 45799)

Classification Level:

Moderate

Pollutant of Concern:

PM₁₀ (particulate matter 10 microns or less in diameter; 1987 standards)

Summary:

The concentration of PM₁₀ in the air in Hayden has been below federal standards for several years. ADEQ is developing a redesignation request so that EPA will reclassify the area as an attainment area. As part of this request, ADEQ must include an updated emissions inventory, modeling demonstration and a strategy for Exceptional Events. ASARCO is making numerous improvements to the Hayden smelter as part of a \$180 million converter retrofit project which will further reduce PM₁₀ concentrations. Some of the controls implemented at the copper smelter include:

- Ventilation hooding over furnaces
- Baghouses for flash furnace and anode furnace
- Paved road cleaning
- Chemical dust suppressants for unpaved roads
- Enclosed and ventilated storage of acid plant scrubber blowdown solids

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- Wind fences for byproduct storage

Sources of Pollutant:

- Copper smelter
- Open burning and wildfires
- Windblown dust

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