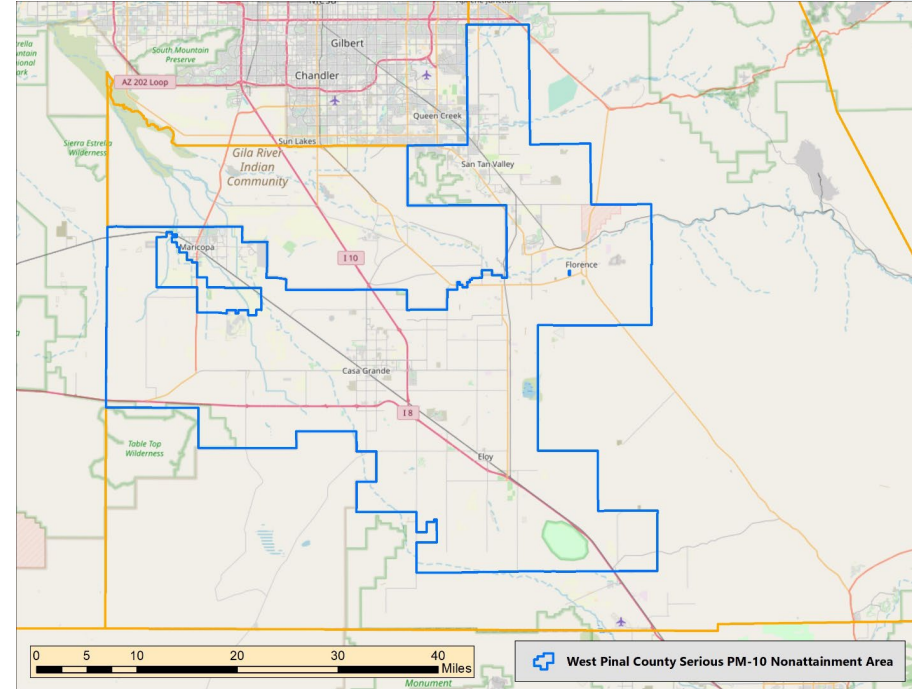


# Five Percent Particulate Plan for PM-10 for the West Pinal County Nonattainment Area

Agricultural Best Management  
Practices Committee  
September 27, 2023

# Historical Background

- The U.S. Environmental Protection Agency (EPA) designated the West Pinal County PM-10 Nonattainment Area as a Moderate Area effective July 2, 2012
- The Arizona Department of Environmental Quality (ADEQ) submitted a state implementation plan (SIP) revision for the area on December 21, 2015
- On June 24, 2020, EPA determined that the area had failed to attain the PM-10 standard by the attainment date and reclassified the area to a Serious Area



# Current Events

- On May 31, 2022, ADEQ submitted on behalf of the Maricopa Association of Governments (MAG) a Serious Area plan for the area
- On July 21, 2023, EPA determined that the area had failed to attain the PM-10 standard by the attainment date of December 31, 2022
- This final action triggers the requirement for a new state implementation plan revision for the area under Clean Air Act (CAA) § 189(d) by December 31, 2023










**FEDERAL REGISTER**  
The Daily Journal of the United States Government



Rule

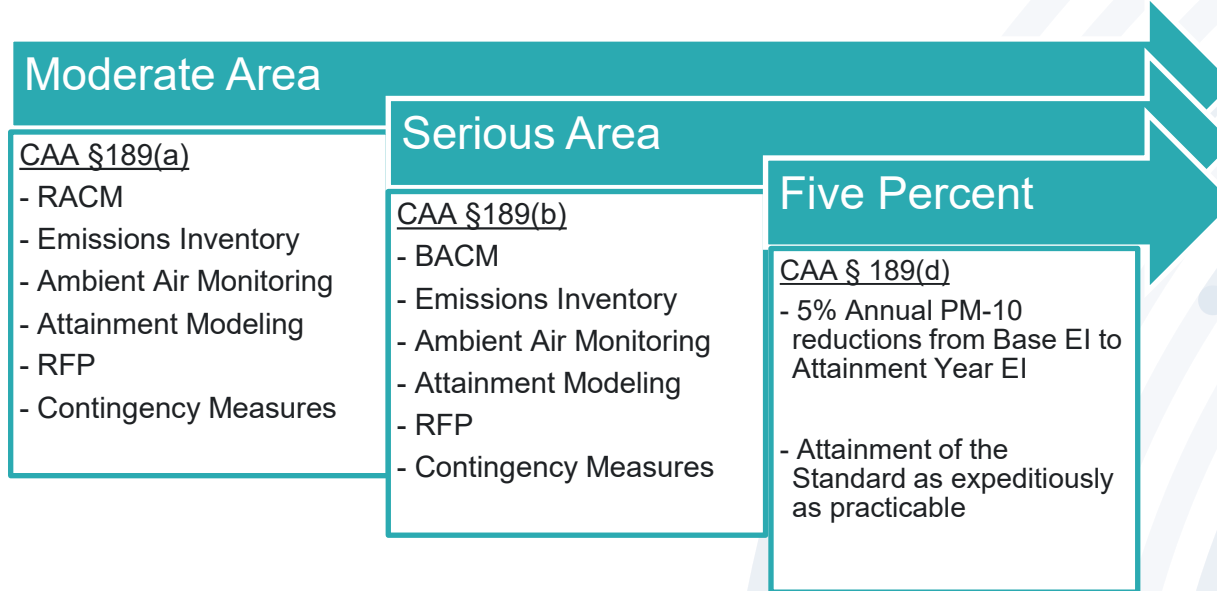
## Finding of Failure to Attain the 1987 24-Hour PM<sub>10</sub> Standards; Pinal County, Arizona

A Rule by the Environmental Protection Agency on 07/21/2023

PUBLISHED DOCUMENT	
      	<p><b>AGENCY:</b> Environmental Protection Agency (EPA).</p> <p><b>ACTION:</b> Final rule.</p> <p><b>SUMMARY:</b> The Environmental Protection Agency (EPA) is taking final action to determine that the West Pinal County, Arizona nonattainment area ("West Pinal County" or "area") did not attain the 1987 24-hour national ambient air quality standards (NAAQS or "standards") for particulate matter with a diameter of 10 micrometers or smaller (PM<sub>10</sub>) by its December 31, 2022 "Serious" area attainment date. This action is based on the EPA's calculation of the PM<sub>10</sub> design value for the nonattainment area over the 2020–2022 period, using complete, quality-assured, and certified PM<sub>10</sub> monitoring data. With this final determination that West Pinal County has failed to attain the PM<sub>10</sub> NAAQS by its attainment date, the State of Arizona is required to submit a revision to the Arizona state implementation plan (SIP) that, among other elements, provides for expeditious attainment of the PM<sub>10</sub> standards and for a five percent annual reduction in the emissions of direct PM<sub>10</sub> or a PM<sub>10</sub> plan precursor pollutant in the nonattainment area.</p> <p><b>DATES:</b> This rule is effective on August 21, 2023.</p>

DOCUMENT DETAILS	
Printed version: PDF	Publication Date: 07/21/2023
Agency: Environmental Protection Agency	Dates: This rule is effective on August 21, 2023.
Effective Date: 08/21/2023	Document Type: Rule
Document Citation: 88 FR 47026	Page: 47026-47029 (4 pages)
CFR: 40 CFR 52	Agency/Docket Numbers: EPA-R09-OAR-2023-0035 FRL-10594-02-R9
Document Number: 2023-15339	

# Particulate Matter NAAQS Requirements



All plans must provide for attainment of the standard and include other necessary elements as prescribed in the CAA such as quantitative milestones, revisions to major source thresholds, enforceable control measures, MVEB, etc.

# Adopted BACM Regulations

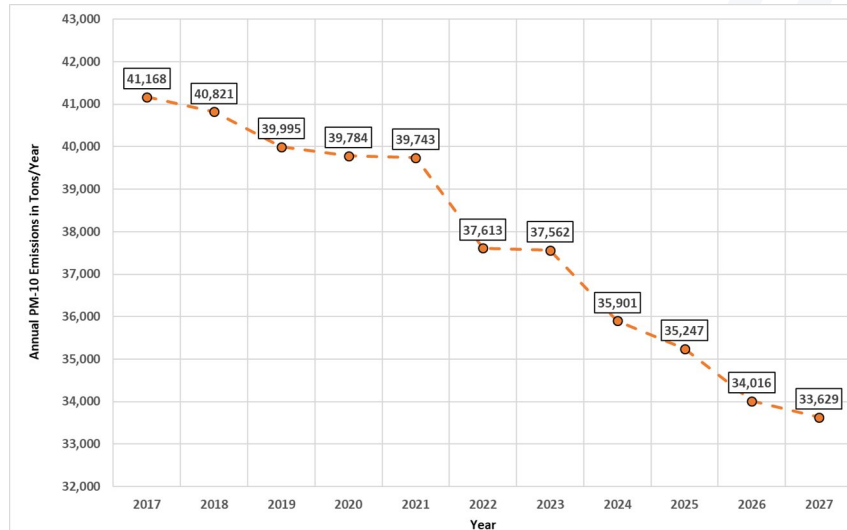
Suggested Measure #	Emission Source Category	Implementing Entity Adopted Measure
1-10, 12-14, 16, 18-25	Construction Sites	PCAQCD Chapter 4, Article 3: Construction Sites - Fugitive Dust (Amended January 30, 2023).
26-28, 30	Cleared Areas	PCAQCD Chapter 4, Article 1: West Pinal PM10 Serious Nonattainment Area Fugitive Dust (Amended January 30, 2023).
31-37	Dairies	A.A.C. R18-2-610, R18-2-610.03, R18-2-611, and R18-2-611.03 (Amended November 26, 2021)
38-44	Cattle CAFOs	A.A.C. R18-2-610, R18-2-610.03, R18-2-611, and R18-2-611.03 (Amended November 26, 2021)
45-47, 50-51	Agricultural (Cropland)	A.A.C. R18-2-610, R18-2-610.03, R18-2-611, and R18-2-611.03 (Amended November 26, 2021)
52-56	Unpaved Roads	PCAQCD Chapter 4, Article 1: West Pinal PM10 Serious Nonattainment Area Fugitive Dust (Amended January 30, 2023).
58-59	Unpaved Lots	PCAQCD Chapter 4, Article 1: West Pinal PM10 Serious Nonattainment Area Fugitive Dust (Amended January 30, 2023).
61-67, 69-70	Paved Roads	PCAQCD Chapter 4, Article 1: West Pinal PM10 Serious Nonattainment Area Fugitive Dust (Amended January 30, 2023).

\* Submissions to U.S. EPA on 3/3/2023 (ADEQ AgBMP) and 2/13/2023 (PCAQD Fugitive Dust and Construction Fugitive Dust)

# Draft 2023 West Pinal Five Percent Plan

2023 West Pinal PM-10 Emission Inventory and Five Percent Annual Reductions

Year	2017 Base PM-10 Emissions	Five Percent Annual Req.		2017 Base PM-10 Emissions Minus Five Percent Annual Req.	Annual PM-10 Emissions with BACM Control Implementation	Excess Benefit = Total PM-10 Emission Reductions minus 5% Reduction Req.	
	(tons)	(%)	(tons)	(tons)	(tons)	(tons)	(%)
2024	41,168	5%	2,058	39,110	35,901	3,209	156%
2025	41,168	10%	4,117	37,051	35,248	1,803	44%
2026	41,168	15%	6,175	34,993	34,016	977	16%



# Draft 2023 West Pinal Five Percent Plan

- Draft is currently out for public comment
- Public comment period runs from Sept. 4 to October 5, 2023.
- A public hearing will only be held if one is requested, please refer to the public comment period notice for additional details

## Public Notice of Opportunity for Public Hearing and Comment on the 2023 Five Percent Particulate Plan for PM-10 for the West Pinal County Nonattainment Area

The Maricopa Association of Governments (MAG) announces an opportunity to comment on and/or request a public hearing on the Draft 2023 Five Percent Particulate Plan for PM-10 for the West Pinal County Nonattainment Area. The purpose of this notice is to receive public comments.

In accordance with the Clean Air Act, a Five Percent Particulate Plan for PM-10 is required to be submitted to the U.S. Environmental Protection Agency (EPA) for the West Pinal County PM-10 nonattainment area. The plan contains a broad range of Best Available Control Measures (BACM) to reduce PM-10 from a variety of emission sources. The plan provides for five percent annual reductions in PM-10 emissions within the area from the base emission inventory year to the attainment year. The plan demonstrates attainment of the PM-10 standard by December 31, 2026.

The draft document is available for a 30-day public review period on the MAG website. Special accommodations for reviewing the draft document can be made by contacting Lesa Young at the phone number below. Public comments may be submitted in writing by **5:30 p.m. on October 5, 2023** to Lesa Young at the address below or online by visiting [azmag.gov/comment](https://azmag.gov/comment). Comments may also be received at the public hearing if a public hearing is conducted. After considering the public comments, the MAG Regional Council may take action on the plan on November 29, 2023. The Arizona Department of Environmental Quality may then adopt the plan for submittal to the EPA.

A public hearing concerning the draft document will be conducted only if a request is received during the 30-day public review period. A request for a public hearing may be submitted to MAG by email or mail at the address shown below. If no request for a public hearing is received by 5:30 p.m. on October 5, 2023, the hearing will be cancelled by a notice posted on the MAG website. If a public hearing is requested, it will be held on:

October 13, 2023 at 5:30 p.m.  
MAG Offices, Saguaro Room  
302 North 1st Avenue, Second Floor  
Phoenix, Arizona 85003

The public hearing (if requested) will include an option to attend virtually. Check the MAG website prior to the public hearing to confirm.

Contact Person:  
Lesa Young, MAG  
302 N. 1st Ave., Ste 300  
Phoenix, AZ 85003  
Phone: 602-254-6490  
Email: [lyoung@azmag.gov](mailto:lyoung@azmag.gov)

[Contact](#) | [Email Updates](#) | [Sitemap](#) | [Meeting Notice Location](#) | [Public Notices](#) | [Title VI](#) | [Accessibility](#) | [Translation](#)

Maricopa Association of Governments 302 N. First Ave., Suite 300, Phoenix, AZ 85003  
602-254-6300 | [mag@azmag.gov](mailto:mag@azmag.gov)



# Project Timeline

## DRAFT SCHEDULE FOR THE 2023 FIVE PERCENT PLAN FOR PM-10 FOR THE WEST PINAL COUNTY NONATTAINMENT AREA

	2023										2024					
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
2023 FIVE PERCENT PLAN FOR PM-10 FOR THE WEST PINAL COUNTY NONATTAINMENT AREA																
Moderate Area Requirements			▲													
Serious Area Requirements			▲													
Five Percent Area Requirements																
Expeditious Attainment Demonstration					▲											
Annual Five Percent Reductions					▲											
Reasonable Further Progress Demonstration					▲											
Quantitative Milestones					▲											
Plan Document Available for Public Review						▲										
Public Hearing							▲									
AQTAC Plan Recommendation							▲									
Management Committee Plan Recommendation								▲								
Regional Council Adoption								▲								
Submit Plan to ADEQ/EPA									▲							
EPA Completeness Finding															▲	

### Important Dates

Public Comment Period and Public Hearing – Sept-Oct 2023

Sun Corridor MPO TAC - October 26, 2023

MAG AQTAC– October 26, 2023

MAG Management Committee – November 8, 2023

Sun Corridor MPO Executive Board - November 14, 2023

MAG Regional Council – November 29, 2023

Transmittal to ADEQ – Early December 2023

Five Percent Plan Deadline – December 31, 2023



# Thanks!

## Any questions?

You can contact me at:

Elias Toon

[etoon@azmag.gov](mailto:etoon@azmag.gov)

602-452-5021