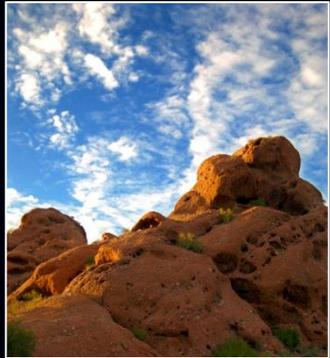


Tentative Schedule for the 2022 Serious Area Particulate Plan for PM-10 for the West Pinal County Nonattainment Area



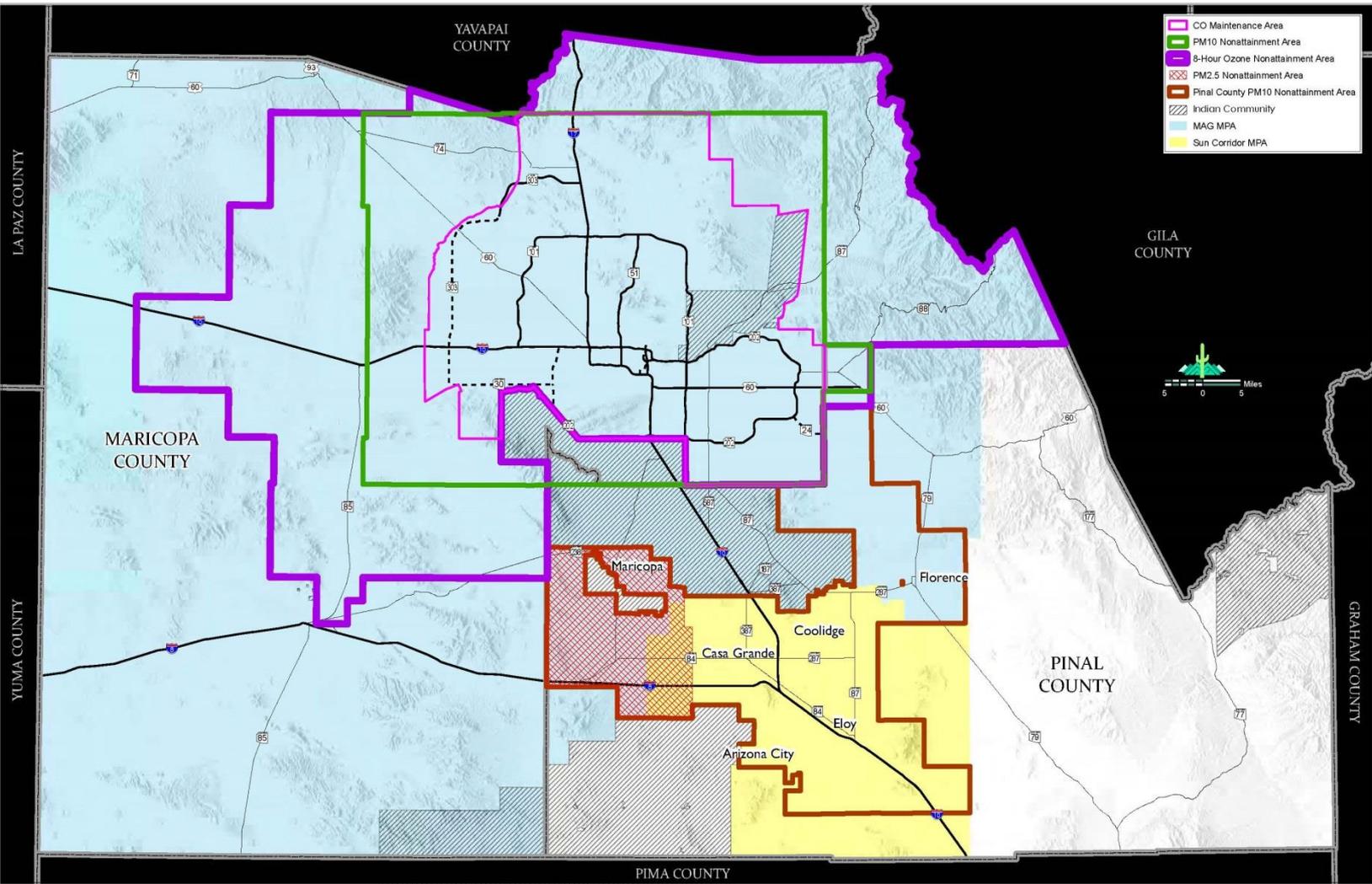
MAG Air Quality Technical Advisory Committee
August 27, 2020

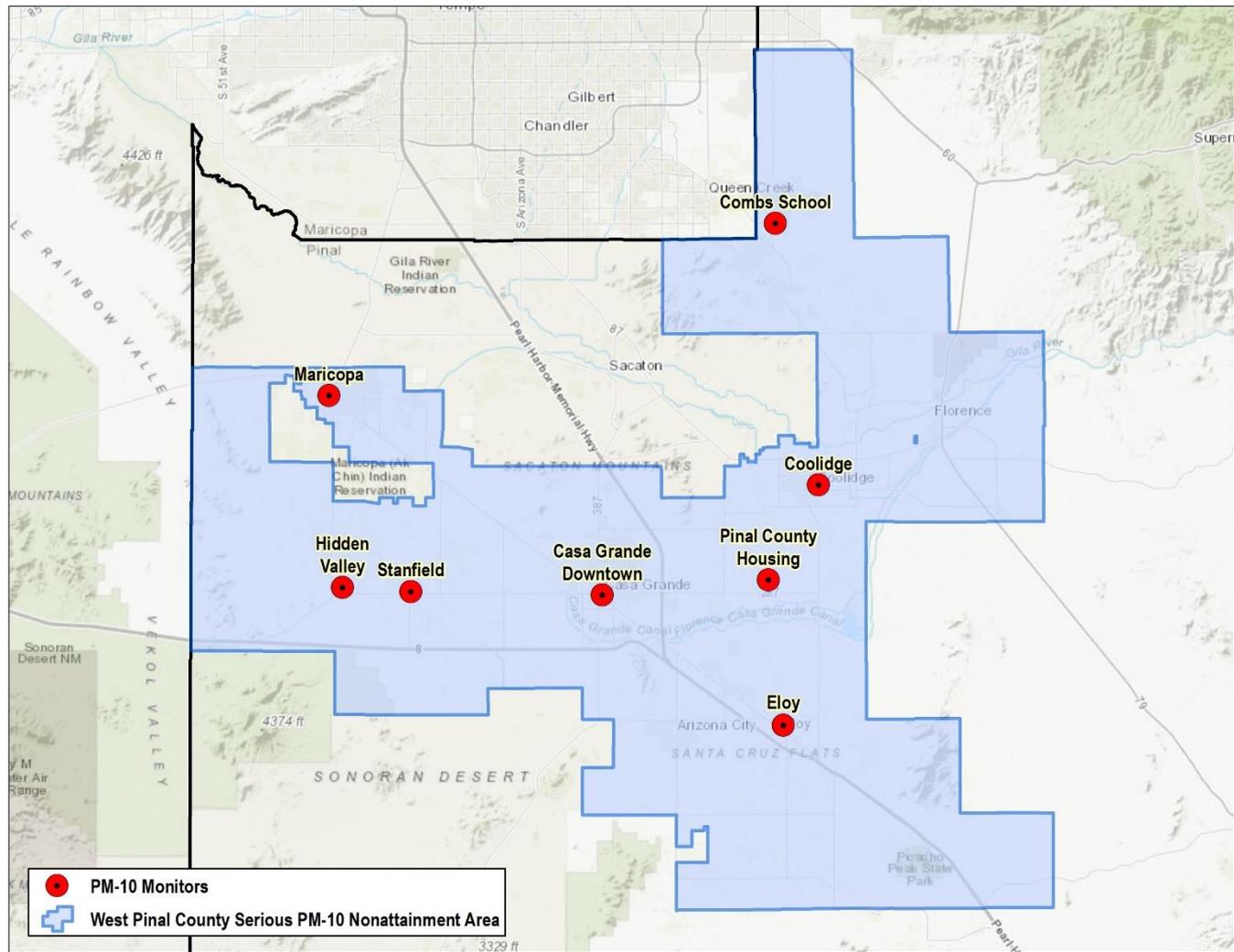
ENVIRONMENTAL PROGRAMS



Background

- **On May 31, 2012, the Environmental Protection Agency (EPA) designated the West Pinal PM-10 Nonattainment Area as a Moderate Area, effective July 2, 2012.**
- **The Arizona Department of Environmental Quality prepared the 2015 West Pinal Moderate PM-10 Nonattainment Area SIP and submitted it to EPA on December 21, 2015.**
- **Attainment date was December 31, 2018.**
- **On June 24, 2020, EPA published a final rule to determine that the West Pinal County Nonattainment Area has failed to meet the PM-10 standard by the December 31, 2018 attainment date and is reclassified as a Serious Area. The effective date was July 24, 2020.**
 - **The failure to attain determination was based on complete quality assured and certified monitoring data for 2016-2018.**







Hidden Valley Monitor

Google Earth

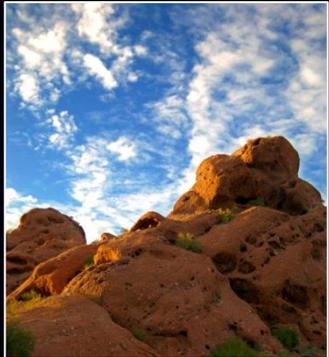
Imagery Date: 4/20/2017 lat 32.871420° lon -112.022995° elev 1343 ft eye alt 19955 ft



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Overview of Serious Area PM-10 Plan Requirements

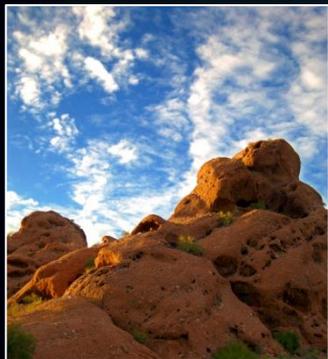
- **Attainment date is December 31, 2022.**
- **Serious Area Plan is due within 18 months of the reclassification date, which is January 24, 2022.**
- **Plan is required to include Best Available Control Measures (BACM) to achieve the maximum degree of emissions reduction from a particulate source.**
- **BACM are required to be implemented no later than four years after the reclassification effective date, which is July 24, 2024.**
- **Definition of major source of PM-10 emissions is changed from 100 tons to 70 tons.**
- **Three years of clean data at the monitors are needed to meet the standard (2020-2022)**



Overview of Serious Area Plan Requirements

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- **Clean Air Act allows EPA to extend the Serious Area attainment date for up to five years if the following requirements are met:**
 - **Attainment by December 31, 2022 is impracticable.**
 - **Compliance with all requirements and commitments in the plan.**
 - **Plan includes the Most Stringent Measures that are included in the plan of any State or are achieved in practice in any State, and can be feasibly be implemented in the area.**
 - **Attainment no later than December 31, 2027.**





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Serious Area Plan Preparation

- **The 2022 Serious Area Particulate Plan for PM-10 for the West Pinal County Nonattainment Area will be prepared through a coordinated effort with the:**
 - **Arizona Department of Environmental Quality.**
 - **Arizona Department of Transportation.**
 - **Pinal County Air Quality Control District.**
 - **Sun Corridor Metropolitan Planning Organization.**
 - **Maricopa Association of Governments.**



PRELIMINARY DRAFT TENTATIVE SCHEDULE FOR THE 2022 SERIOUS AREA PARTICULATE PLAN
FOR PM-10 FOR THE WEST PINAL COUNTY NONATTAINMENT AREA

	2020						2021												2022				
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	
2022 SERIOUS AREA PARTICULATE PLAN FOR PM-10 FOR THE WEST PINAL COUNTY NONATTAINMENT AREA																							
Develop a Base Year Emissions Inventory (2017/19)									▲														
Draft Modeling Protocol Document									▲														
Complete BACM and MSM Analyses							▲																
Evaluation of Economic and Technological Feasibility							▲																
Evaluation of PM-10 Emissions Reductions							▲																
Develop Future Year Emissions Inventory (2027)									▲														
Evaluation of Potential Measures in Reducing PM-10									▲														
Suggested List of Measures for Consideration by Implementing Entities									▲														
AQTAC Recommendation									▲														
Management Committee Recommendation									▲														
Regional Council Approval									▲														
Commitments to Implement Measures from Implementing Entities													▲										
Complete Committed Measure Evaluation Process																▲							
Complete Analysis and Prepare the Technical Support Document																▲							
Plan Document Available for Public Review																▲							
Public Hearing																	▲						



**MARICOPA
ASSOCIATION of
GOVERNMENTS**



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