



TOWN OF  
**QUEEN CREEK**  
ARIZONA



# Air Quality & PM-10 Update

---

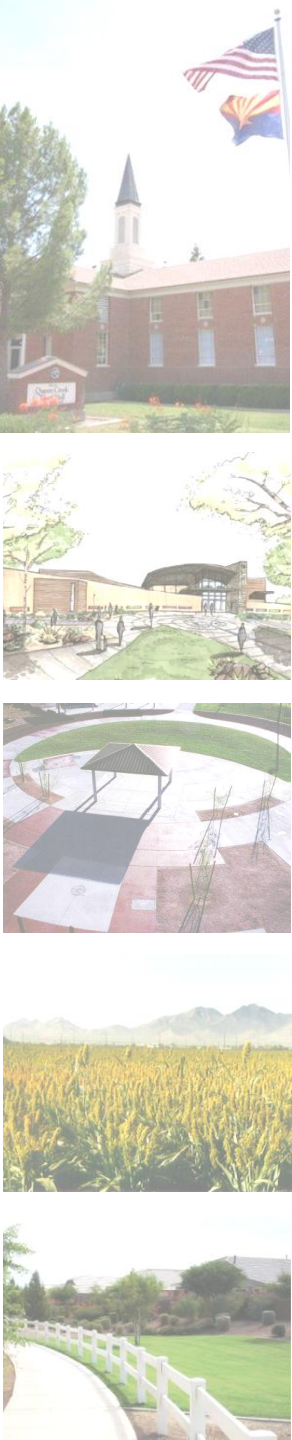


February 16, 2011

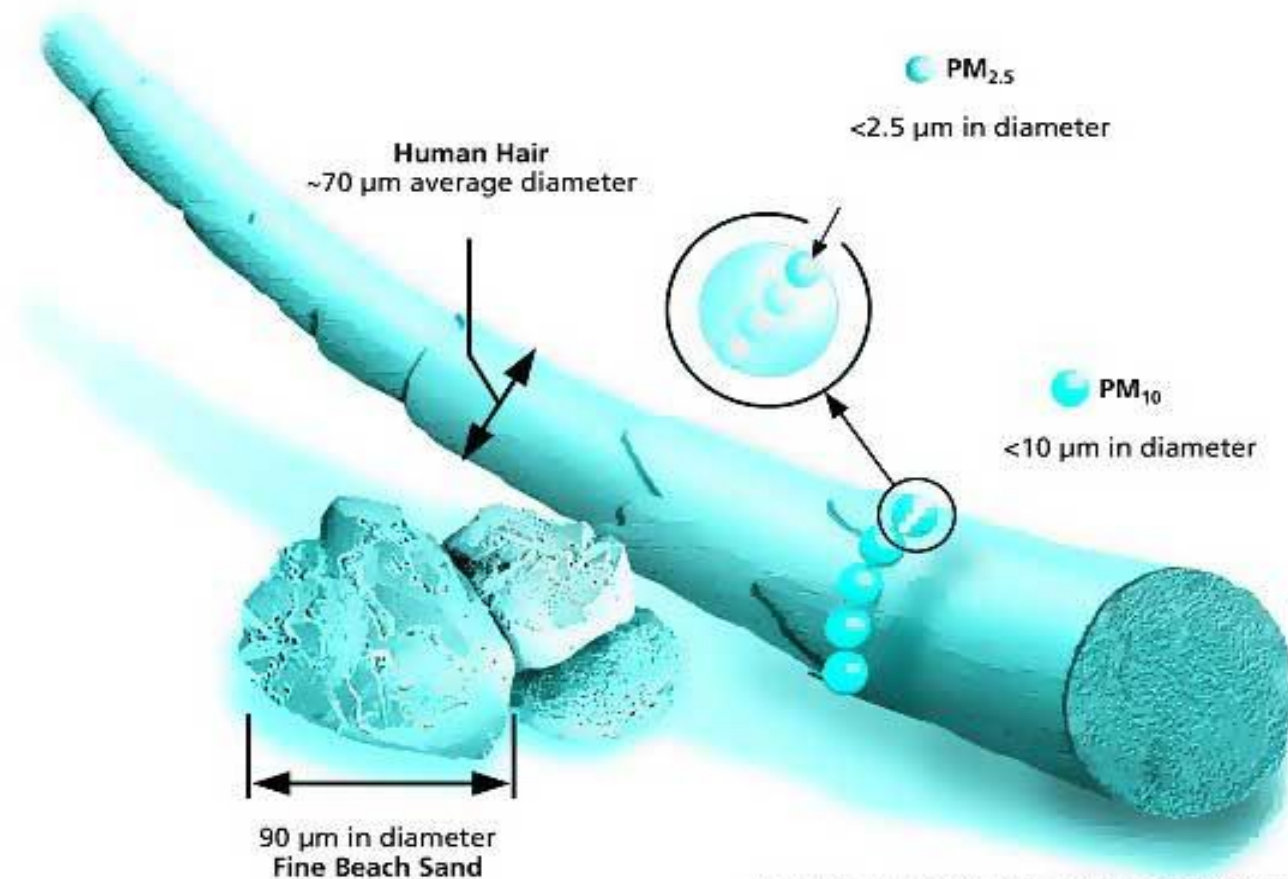


Ramona Simpson, Management Assistant II





# What is PM-10?



*Image courtesy of EPA, Office of Research and Development*

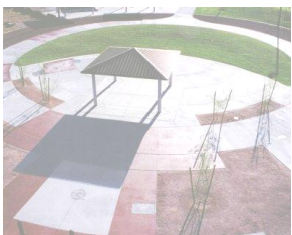
# Background

- April 15, 2004 – U.S. Environmental Protection Agency (EPA) designated portions of Maricopa County, including Queen Creek and Apache Junction (Area A), as a severe Non-Attainment area\*.
- Dec 31, 2006 - Area A failed to reach attainment of federal PM-10 standards.
- Dec 31, 2007 – MAG submitted 5% Plan to EPA
  - Included 55 measures to reduce PM-10 emissions over 3 years

\*Non-Attainment is an EPA designation for failure to meet Federal Air Quality Standards

# Background

- Mar 23, 2008 – State Senate Bill 1552 requires cities, towns and counties in Area A to adopt and enforce four additional ordinances for dust control.
  - Enforcement of the following:
    - Vehicle parking & use on vacant lots
    - Off-road vehicle use on public & private unpaved properties
    - Stabilization of unpaved parking, ingress/egress on residential (3,000 sq ft of unpaved area) and Other than residential unpaved
    - Leaf Blowing restrictions
- Currently – Area A is designated as a “serious” PM-10 Non-Attainment area.



# Town Efforts

- Establish a dust control hotline
- Modify right-of-way encroachment and onsite building permits to include a reminder of dust control requirements
- Monitor off-road vehicle activity
- Clean Town streets with PM-10-certified street sweepers
- Stabilize unpaved public parking lots and drive approaches
- Stabilize 52 linear miles of unpaved shoulders in the Town with a dust control agent
  - 10 miles have been improved through CIP projects
  - 40 miles stabilized with soil suppressant and/or millings
- Continue to require paving of all public roads in the Town's jurisdiction and to enforce current Zoning Ordinance and building permit requirements related to dust control



# Town Efforts

“We have a major air quality problem to solve, and we were pleased with the measures that were provided, which represent a significant commitment for one of the region’s smaller communities,” said MAG Environmental Director Lindy Bauer. “We are encouraged by the quality commitment from Queen Creek to address our regional air quality problem.”





# Withdrawal of 5% Plan

- January 25, 2011 – Arizona Department of Environmental Quality withdraws MAG 5% Plan for PM-10
- Enables region to use new paved road dust factors
- Exceptional Events Rule
- February 14, 2011 – EPA published finding of “Failure to Submit” a plan in the Federal Registry
  - Sanctions clock starts until new plan is submitted
- [MAG video](#)

