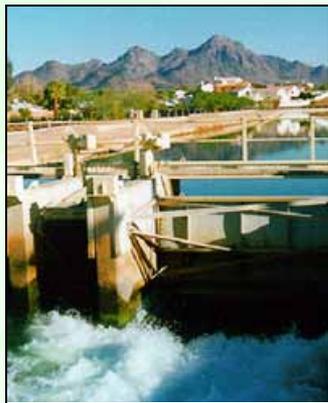
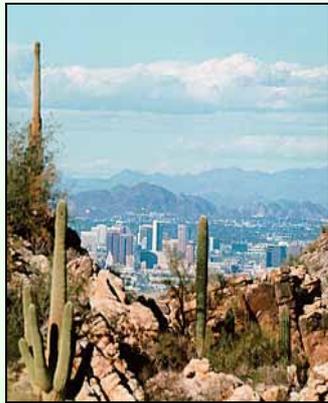


2008 Implementation Status of Committed Measures in the MAG 2007 Five Percent Plan for PM-10

MAG Management Committee

February 10, 2010





Background

- On May 23, 2007, the MAG Regional Council approved additional items for the Suggested List of Measures to Reduce PM-10
- One of these items was that MAG would issue a report each year on the status of implementation of committed measures in the MAG 2007 Five Percent Plan for PM-10
- Report would be made available to the Governor's Office, Legislature, ADEQ, and Environmental Protection Agency



MAG 2007 Five Percent Plan for PM-10

- Submitted to EPA in December 2007, as required by the Clean Air Act
- Contained 53 committed measures that began implementation in 2008
- Modeling demonstrates attainment of the PM-10 standard in 2010
- Clean data required at monitors in 2008, 2009 and 2010 in order to attain the PM-10 standard
- MAG will report the implementation status of the committed measures in the Plan in 2008, 2009 and 2010



2008 Status Report

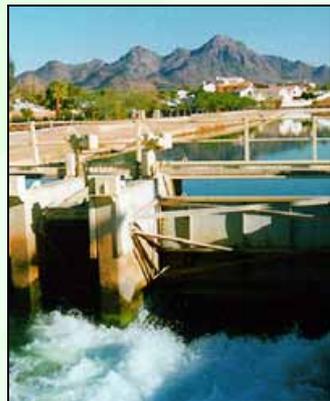
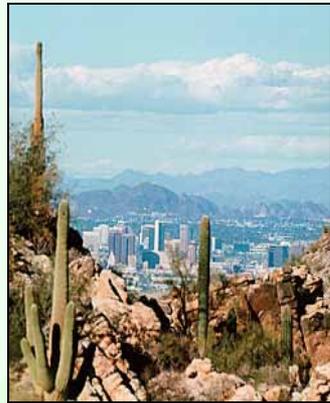
§ Tracking Forms

§ To assist member agencies in reporting progress in implementing measures

- Developed with input from member agencies
- Sent to member agencies on 3/12/09
- Completed forms received from all agencies by 7/22/09

§ MAG Workshops

§ On tracking implementation measures in the Five Percent Plan - 12/18/07, 9/23/08 and 3/31/09





Summary

- n **Implementing entity and number of measures tracked**
 - l State – 18
 - l Maricopa County – 39
 - l Local governments – 15
- n **Measures quantified for numeric credit in the Plan**
 - l To meet 5% reduction target and demonstrate attainment – 25
 - l As a contingency measure – 11
 - l Not quantified - 17



Example

- n **Measure 26 – Pave or stabilize existing public dirt roads/alleys**
 - l Implementing entities – County and local governments
 - l Implementation status
 - n 62 miles of public dirt roads paved or stabilized in 2008
 - l 12 miles more than commitments
 - n 242 miles of dirt alleys paved or stabilized in 2008
 - l 90 miles more than commitments



Example

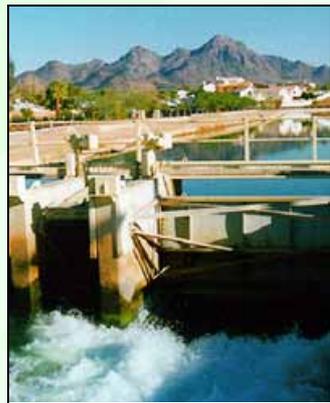
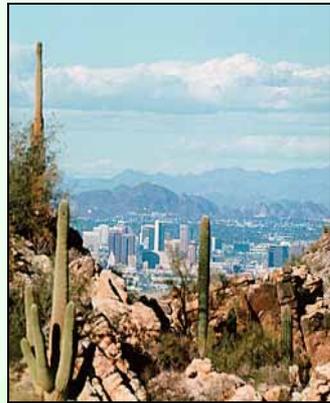
- n **Measure 28 - Pave or stabilize unpaved shoulders**
 - Implementing entities – ADOT, County, and local governments
 - Implementation status
 - n 412 curb miles of dirt shoulders paved or stabilized in 2008
 - n 167 curb miles more than commitments



Example

n **Measure 8 – Conduct nighttime and weekend inspections**

- l Largest PM-10 reduction credit in the Plan was taken for this measure
 - n 2% reduction in 2008, 4% in 2009, 5% in 2010
- l Maricopa County conducted some nighttime and weekend inspections in 2008, but the program was not fully implemented, as the County was focused on hiring and training additional staff
- l County initiated a pilot program in 2009, followed by cross-training of inspectors



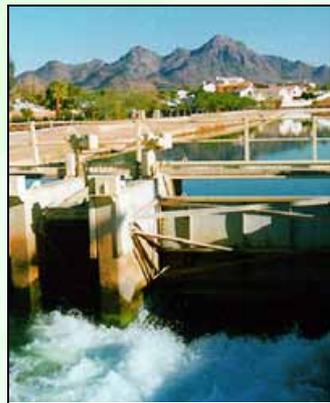
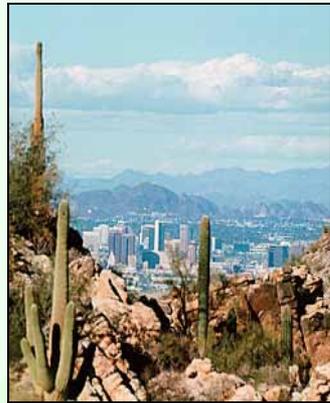
Conclusions

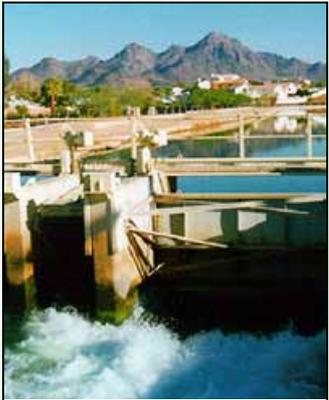
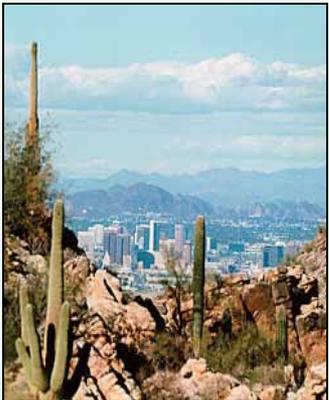
- A majority of the implementation results meet or exceed commitments in the Plan
- Most measures began implementation in 2008
- Some measures will not be fully implemented until 2009 or 2010
- MAG will continue to track
 - Progress in implementing Plan commitments in 2009 and 2010
 - PM-10 concentrations at the monitors
- Measures need to be implemented as quickly as possible to attain the PM-10 standard by 2010



Action

- **Recommend forwarding the 2008 Implementation Status of Committed Measures in the MAG 2007 Five Percent Plan for PM-10 in the Maricopa County Nonattainment Area to the Governor's Office, Legislature, Arizona Department of Environmental Quality, and the Environmental Protection Agency**





For More Information

Contact:
Cathy Arthur
(602) 254-6300

www.mag.maricopa.gov

