



Proposed PM_{2.5} NAAQS

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MWAQC-TAC Call

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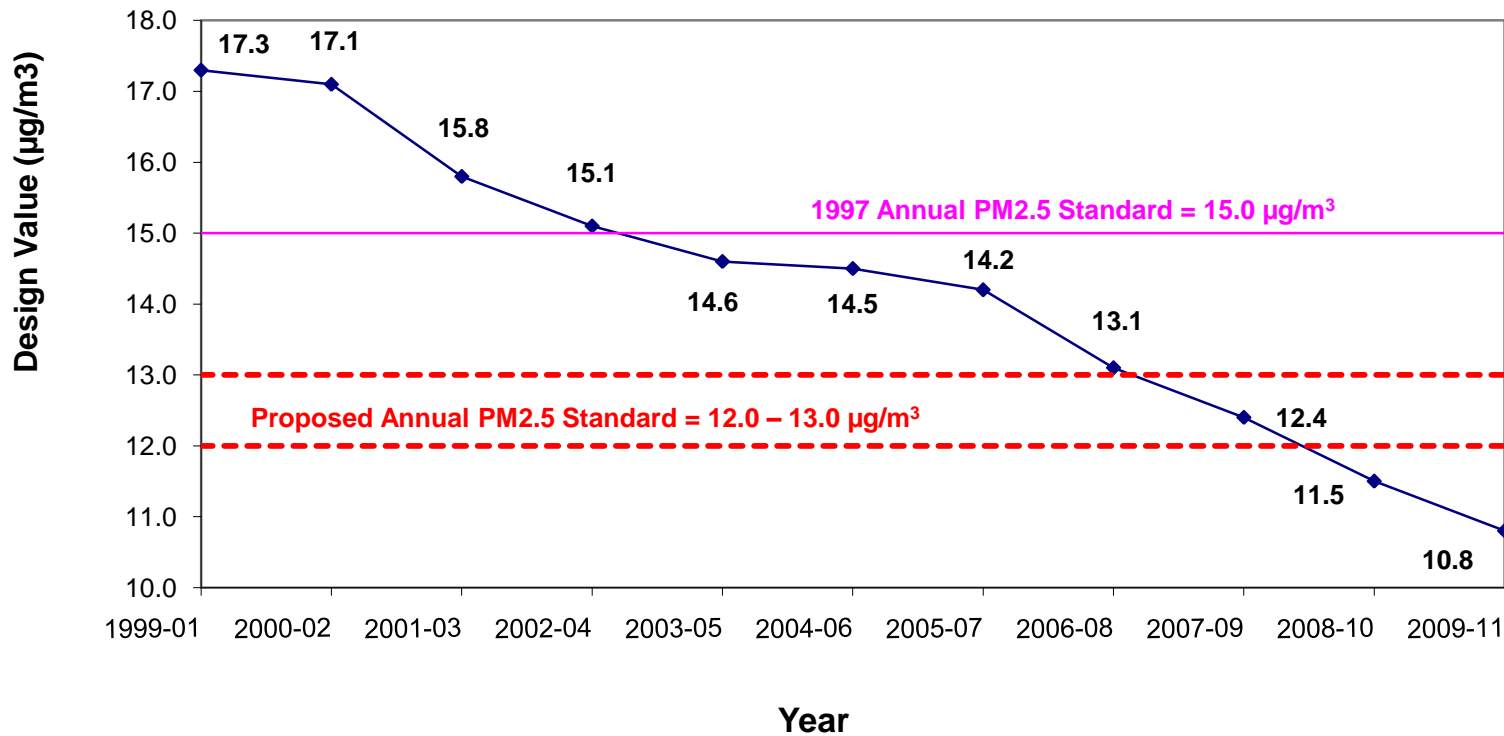
Proposed PM2.5 NAAQS

- ❖ Currently two standards for fine particles (PM2.5) –
 - ❖ Annual = 15.0 $\mu\text{g}/\text{m}^3$ (set in 1997)
 - ❖ Daily = 35 $\mu\text{g}/\text{m}^3$ (set in 2006)
- ❖ June 15 - EPA proposed to strengthen the current **annual** PM2.5 standard
- ❖ **Proposed range – 12.0 $\mu\text{g}/\text{m}^3$ to 13.0 $\mu\text{g}/\text{m}^3$**
- ❖ Also seeking comments on alternative levels of the standard, down to 11.0 $\mu\text{g}/\text{m}^3$
- ❖ No proposal to change daily standard (35 $\mu\text{g}/\text{m}^3$)



Proposed PM2.5 NAAQS

Annual PM2.5 Design Value Washington, DC-MD-VA Nonattainment Area (1999-2011)

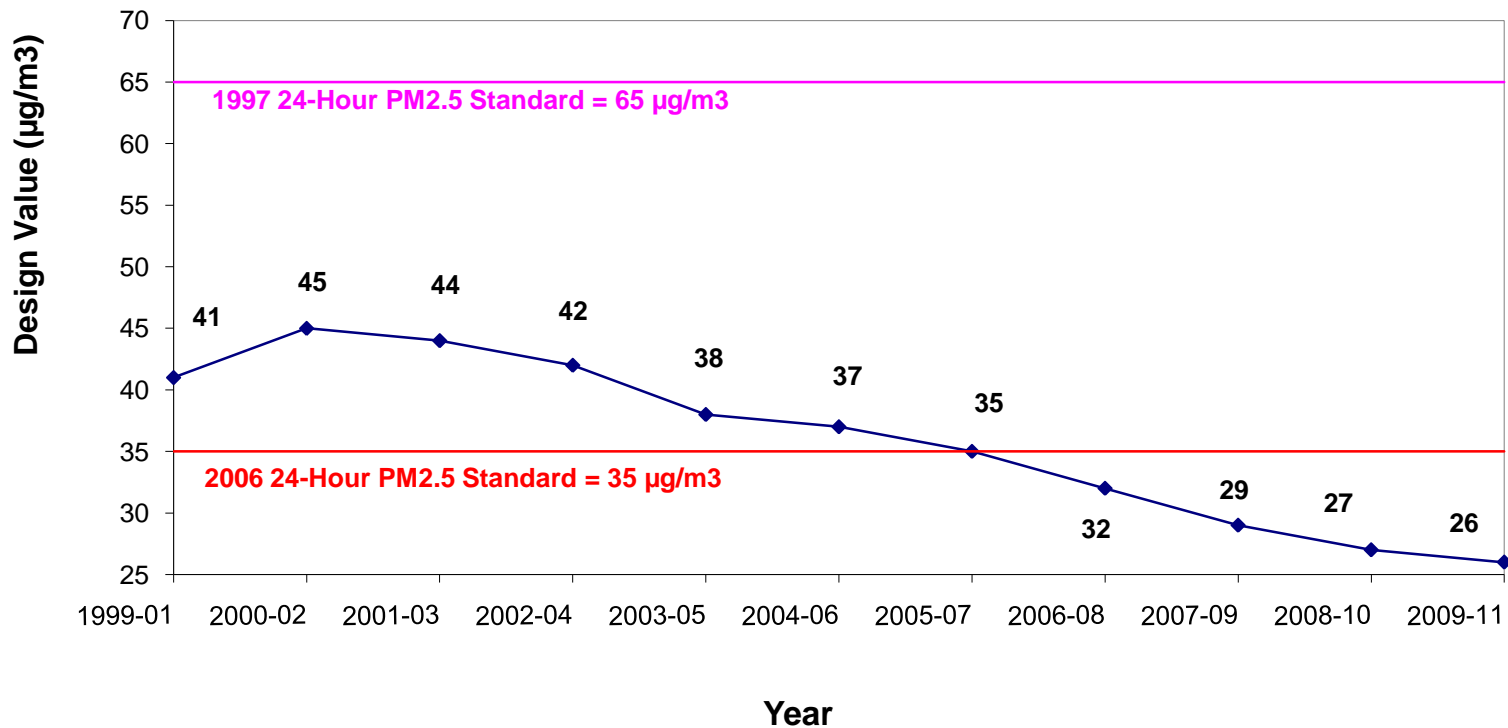


* Design value = 3-year avg of annual mean PM2.5 concentrations. *2011 data is preliminary.*



Proposed PM2.5 NAAQS

24-Hour PM2.5 Design Value Washington, DC-MD-VA Nonattainment Area (1999-2011)



* Design value = 3-year average of 98th Percentile of PM2.5 concentrations. *2011 data is preliminary.*



Proposed PM_{2.5} NAAQS

- ❖ Proposal for a secondary standard for improving visibility in urban areas
 - ❖ Two proposed standards - 30 deciviews or 28 deciviews
 - ❖ DC region currently meets these proposed standards
- ❖ Proposal for near-road PM_{2.5} monitoring in large urban areas (CBSA population > 1 m) by Jan 1, 2015
- ❖ Existing PM_{2.5} monitors will be relocated to heavily travel roads along with near-road NO₂ and CO monitors
- ❖ Proposal to update AQI for the new standard
- ❖ Public comment period – August 31, 2012
- ❖ Two public hearings scheduled –
 - ❖ Philadelphia, PA – July 17, Sacramento, CA – July 19
- ❖ Final standard – December 14, 2012