

# Proposed Lead Standard

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# Current & Proposed Lead Standards

Standard		Lead Levels
<u>Current</u>	<u>Proposed</u>	
1.5 $\mu\text{g}/\text{m}^3$	0.1-0.3 $\mu\text{g}/\text{m}^3$	DC - 0.03 $\mu\text{g}/\text{m}^3$ VA - 0.02 $\mu\text{g}/\text{m}^3$ MD - BDL
* Quarterly avg. should not exceed during 2 years period		

- States stopped monitoring lead as levels were much below NAAQS.
- Last Report Year: DC – 2001, VA – 1998, MD - 1994



# Proposed Lead Monitoring

## Monitoring Methods

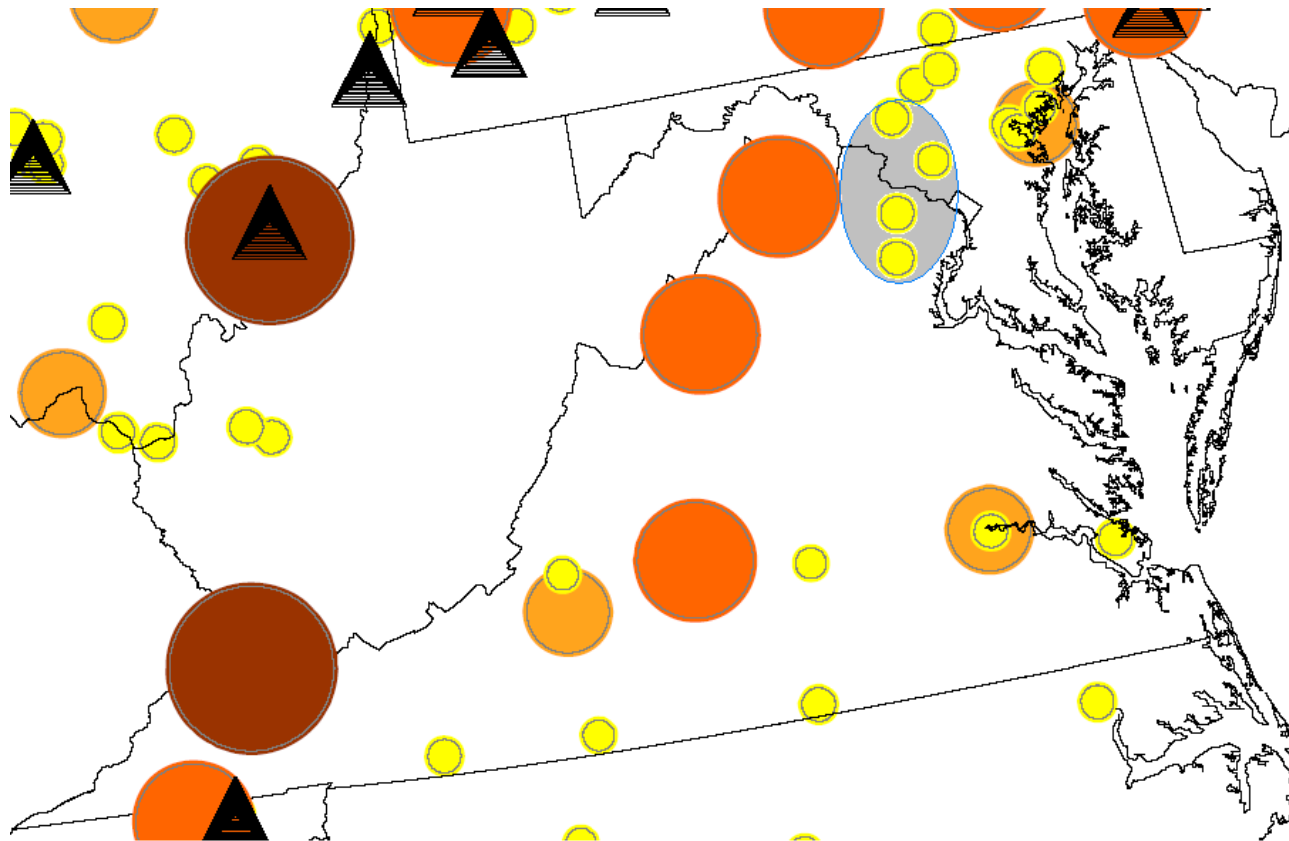
- EPA proposal: Continue TSP based method.
- Also considering PM10 based method.
- Changes being proposed for sampling and analysis methods, sampling schedule, data reporting, and other requirements.

## Monitoring Network

- Monitors near large lead sources - Smelters, metallurgical operations, battery manufacturers, fugitive dust sources (e.g., mine tailings piles) and airports.
- Monitors in urban areas with populations > 1 million to assess lead exposure.



# Proposed Lead Monitors (Stationary Sources)



- Facilities emitting 5 or more tons of lead per year
- Facilities emitting 1 or more tons of lead per year
- Facilities emitting 0.66 or more tons of lead per year
- Facilities emitting 0.22 or more tons of lead per year

▲ Ambient lead (Pb-TSP) monitoring site



# Timeline

- Final Standard – September 15, 2008.
- State Designation Recommendations to EPA – September 2009 (based on 2006-08 data).
- Monitoring Network – January 1, 2010 (At least half of required monitors).
- Final Designations Signature - September 2011.
- Attainment Demonstration SIPs – Spring 2013.
- Attainment Date – Fall 2016.

