## ITED STATE

## Developing an Alternative Methods Program for Air Toxics

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NEMC 2015



#### What Is the Current Process for Updating Methods for Air Toxics?



**NEMC 2015** 

### **History of Methods for Air Toxics**

- Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, 1988, Winberry et al.
- Last updated in 1999
- Performance based
- Guideline methods: air toxics are not regulated
- No process for updating them



### What Is the Purpose of an Alternative Method Program for Air Toxics?

- To develop and implement a formal process for updating current Toxic Organic (TO) methods and approving new methods
- To develop and implement a communication process for updates and changes

#### GOAL: To advance the science for air toxics!!!



#### Other Alternative Method Programs at EPA

- Stationary Source Broadly Applicable Alternative Method Program
- Office of Water Alternative Test Method Protocol
  - Drinking water
  - Wastewater



### What Is the Vision for an Alternative Method Program for Air Toxics?

- Create a pathway for improvements and updates to existing TO methods
- Create a pathway for new technologies and methods
  - Real-time measurements
  - Sensors
  - Innovation, new science





#### What Is the Vision for the Alternative Method Program for Air Toxics? (cont.)

- Process to be developed in phases
  - May be expanded to include inorganics
- Incorporate/develop communication tools
  - Website
  - Email blast thru AMTIC (i.e., Ambient Monitoring Technology Information Center)
  - CFR notices

# GOAL: To have the alternative method program for air toxics available starting in FY 2016!!!

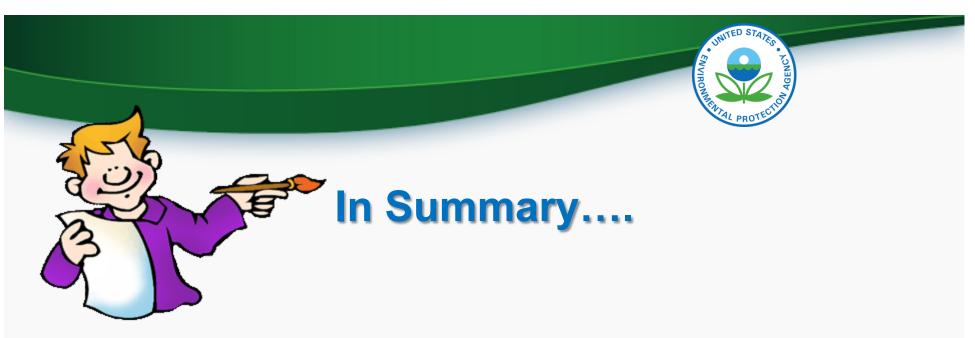


### What Is the Vision for the Alternative Method Program for Air Toxics? (cont.)

- Submission of package with proposal description and supporting information/data
- Acknowledgment of package receipt
- Assessment of the level of review required
  - Expert panel review
  - Laboratory testing and evaluation

# What Is the Vision for the Alternative Method Program for Air Toxics? (cont.)

- Notification and announcement of review results
  - Notice of approved changes published in the Federal Register
  - Listing on EPA Website
  - Email
  - Periodic publishing of updated/new methods as needed to incorporate significant changes



- EPA is working to establish a formal process for creating and approving alternative test methods for air toxics
- Goal is to advance the science

#### Stay tuned for updates!!!





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