

Alabama Air Update

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Frequently Unmasked Inquiries

Since Alabama Meets all the National Ambient Air Quality Standards, What's Left To Do?

- Enforce existing laws, regulations, and permits
- Manage a permit system
- Handle interstate transport issues
- Continue to reduce regional haze

- Deal with emerging pollutants
 - Fluorinated compounds
 - Ethylene oxide
 - Micro-matter??

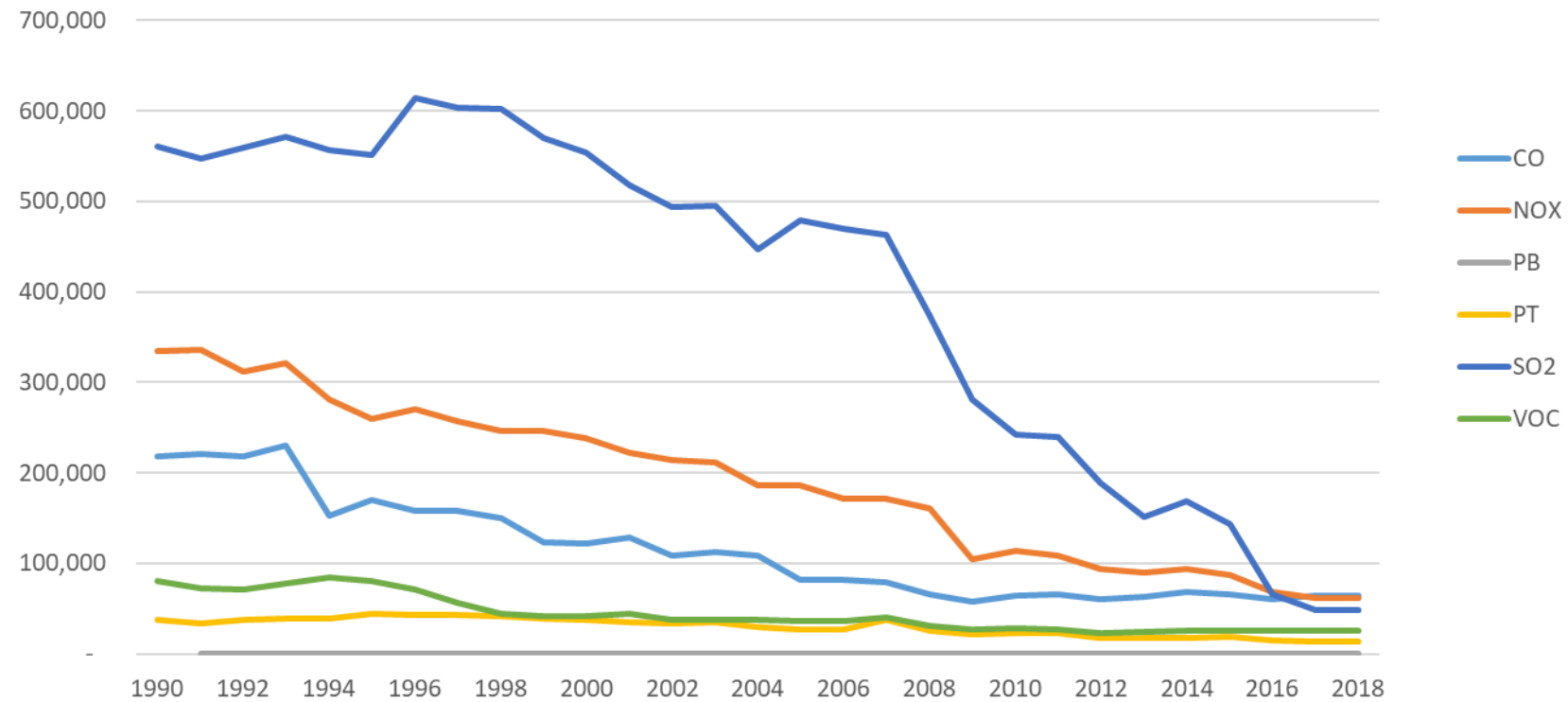
- Other long-term problems
 - Greenhouse gases
 - Startup, Shutdown, and Malfunction

How Should Air Quality Improvement Efforts Change after 50 Years of Reductions?

- Sources of emissions have changed drastically
 - Traditional point source emissions way down

Alabama Department Of Environmental Management

AL Emissions from Major Sources, 1990 - 2018



How Should Air Quality Improvement Efforts Change after 50 Years of Reductions?

- Sources of emissions have changed drastically
 - Traditional point source emissions way down
 - Some pollutants, like SO₂ and NO_x, regulated in small pockets vs. large scale
 - Mobile source emissions are a big piece of the pie
- EPA and State efforts still aimed at point sources because they're the easiest to regulate

How Should the Construction Permitting Process for New and Modified Sources Be Changed?

- Why should a permit be pre-construction vs. pre-operation?
- The whole concept of Prevention of Significant Deterioration permits is outdated.
 - Increments and other non-NAAQS impacts never were a good idea.
 - The only consideration in permit issuance should be a quick check on NAAQS compliance and a review of applicable regulations. No BACT.

How Can the Burdens to the Regulatory Community of Reporting, Recordkeeping, etc. Be Reduced?

- Should be addressed at the rulemaking stage
- Regulated Community won't take advantage of offers
- Change Rules! Good luck!

How Should Air Quality Monitoring Efforts by States Change?

- We have 40+ years of monitoring data
- Reduce monitoring in areas which show little chance of showing violations
- Large amounts of data from cheap personal air sensors coming in near future

REMEMBER THE TITLE OF THIS PRESENTATION:

FREQUENTLY **UNASKED** INQUIRIES