

*This document is a straw representation of the purpose and content of a work plan. The content of the paper is for illustrative and discussion purposes only and does not presuppose the ultimate content of a paper on this subject.*

**Life-Cycle Analysis Project**  
**Straw Work Plan for Development of the PM SIP Requirements Rule**

**Issue/Need**

States need a final SIP Requirements Rule by February 2015, which is when designations are effective and is also three years before attainment SIPs are due. There should be pre-proposal opportunities for input from state and local agencies. This rule will need to address the first-ever distinct secondary standard based on a visibility index.

Not included in this work plan: Guidance or rule regarding the 110(a)(1) and (a)(2) requirements.

**Background**

The recent NPRM for the new and revised PM NAAQS includes proposed rule changes and policies for the monitoring network requirements, the PSD program, and the deadlines for submission of exceptional event demonstrations. It included only EPA's initial thoughts and requests for comment on other implementation issues.

A SIP Requirements rule (and associated guidance) should address the following PM-relevant topics:

- Applicability of (or exceptions to) general 40 CFR part 51 requirements for SIPs
- Classifications (optional for PM<sub>2.5</sub>)
- Revocation of pre-existing NAAQS
- Submittal of State Implementation Plan
- Attainment dates for revised primary and new secondary NAAQS
- Criteria for one-year extensions of the attainment date
- Redesignation to nonattainment following initial designations for the PM NAAQS
- Attainment demonstration and modeling requirements, including the consideration of the effects of natural and other events
- Emission inventory requirements for the PM NAAQS
- Reasonable further progress (RFP) requirements
- Requirements for reasonably available control technology (RACT) and reasonably available control measures (RACM)
- Requirements for mid-course review
- Requirements for contingency measures
- Antibacksliding/termination of requirements under revoked NAAQS (if applicable)
- Any needed changes in general conformity rules (It is assumed that changes to transportation conformity rules if any will take place as a separate action.)
- Any additional changes to PSD and NNSR rules that were not made as part of the final rule establishing the new and revised NAAQS
- Transport to and from other countries
- Clean data findings and suspension of requirements related to attainment demonstrations
- Maintenance plan requirements

See also:

- 40 CFR 51 subpart Z - The implementation rule for the 1999 PM NAAQS (Promulgated April 2007)

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- [http://www.epa.gov/ttn/naags/pm/pdfs/20120302\\_implement\\_guidance\\_24-hr\\_pm2.5\\_naags.pdf](http://www.epa.gov/ttn/naags/pm/pdfs/20120302_implement_guidance_24-hr_pm2.5_naags.pdf) (March 2012 guidance memo on implementation of the 2006 NAAQS)

### **Responsible Authoring Organization and Personnel**

OAQPS, with support from OTAQ, OGC, and Regional Offices (Region 3 sublead)

Personnel: Rich Damberg, Michael Ling, Phil Lorang, Krishna Viswanathan

### **Process for Input from State/Local Agencies**

An OAQPS-NACAA work group has already been formed at NACAA's request for the purpose of obtaining informed pre-proposal input on this PM2.5 SIP requirements rule.<sup>1</sup>

### **Schedule Expectations**

This rule is likely to be designated a significant rule, meaning that senior EPA leadership will provide early guidance and options selection and both formal Final Agency Review and OMB review will be required. The following key milestones reflect this expectation. Planned interactions between EPA and states are listed in italics.

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|---|----------------------|
| • <i>Organizational call of special workgroup</i>                   | <i>July 18, 2012</i> |
| • <i>Monthly calls on topical areas</i>                             |                      |
| • <i>Conclusion of initial pre-proposal discussions</i>             | xxxx                 |
| • Early guidance from the Administrator                             | xxxx                 |
| • Options Selection by the Administrator                            | xxxx                 |
| • Draft proposed rule submitted for informal OAR review             | xxxx                 |
| • Draft proposed rule submitted to OMB                              | xxxx                 |
| • Signature of proposed rule  | xxxx                 |
| • <i>Live state-EPA discussion prior to close of comment period</i> | xxxx                 |
| • Close of comment period   | xxxx                 |
| • Final Options Selection by the Administrator                      | xxxx                 |
| • Draft final rule submitted to OMB                                 | Oct. 2014            |
| • Signature of final rule   | Feb. 2015            |

### **Special Notes**

### **Lessons Learned to be applied to Future NAAQS**

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<sup>1</sup> This work group also could be the forum for obtaining input on earlier aspects of implementation including the specific proposals in the NAAQS NPRM, designation issues, and infrastructure SIP requirements. Those issues could be addressed in separate work plans.