

Subpart D—National Air Monitoring Stations (NAMS)

SOURCE: 71 FR 61302, Oct. 17, 2006, unless otherwise noted.

§ 58.30 Special considerations for data comparisons to the NAAQS.

(a) *Comparability of PM_{2.5} data.* (1) There are two forms of the PM_{2.5} NAAQS described in part 50 of this chapter. The PM_{2.5} monitoring site characteristics (see appendix D to this part, section 4.7.1) impact how the resulting PM_{2.5} data can be compared to the annual PM_{2.5} NAAQS form. PM_{2.5} data that are representative, not of areawide but rather, of relatively unique population-oriented microscale, or localized hot spot, or unique population-oriented middle-scale impact sites are only eligible for comparison to the 24-hour PM_{2.5} NAAQS. For example, if the PM_{2.5} monitoring site is adjacent to a unique dominating local PM_{2.5} source or can be shown to have average 24-hour concentrations representative of a smaller than neighborhood spatial scale, then data from a monitor at the site would only be eligible for comparison to the 24-hour PM_{2.5} NAAQS.

(2) There are cases where certain population-oriented microscale or middle scale PM_{2.5} monitoring sites are determined by the Regional Administrator to collectively identify a larger region of localized high ambient PM_{2.5} concentrations. In those cases, data from these population-oriented sites would be eligible for comparison to the annual PM_{2.5} NAAQS.

(b) [Reserved]

Subpart E [Reserved]

Subpart F—Air Quality Index Reporting

§ 58.50 Index reporting.

(a) The State or where applicable, local agency shall report to the general public on a daily basis through prominent notice an air quality index that complies with the requirements of appendix G to this part.

(b) Reporting is required for all individual MSA with a population exceeding 350,000.

(c) The population of a MSA for purposes of index reporting is the most recent decennial U.S. census population.

[71 FR 61302, Oct. 17, 2006]

Subpart G—Federal Monitoring

SOURCE: 44 FR 27571, May 10, 1979, unless otherwise noted. Redesignated at 58 FR 8467, Feb. 12, 1993.

§ 58.60 Federal monitoring.

The Administrator may locate and operate an ambient air monitoring site if the State or local agency fails to locate, or schedule to be located, during the initial network design process, or as a result of the 5-year network assessments required in § 58.10, a SLAMS station at a site which is necessary in the judgment of the Regional Administrator to meet the objectives defined in appendix D to this part.

[71 FR 61303, Oct. 17, 2006]

§ 58.61 Monitoring other pollutants.

The Administrator may promulgate criteria similar to that referenced in subpart B of this part for monitoring a pollutant for which an NAAQS does not exist. Such an action would be taken whenever the Administrator determines that a nationwide monitoring program is necessary to monitor such a pollutant.

[71 FR 61303, Oct. 17, 2006]

APPENDIX A TO PART 58—QUALITY ASSURANCE REQUIREMENTS FOR SLAMS, SPMS AND PSD AIR MONITORING

1. General Information
2. Quality System Requirements
3. Measurement Quality Check Requirements
4. Calculations for Data Quality Assessments
5. Reporting Requirements
6. References

1. General Information.

This appendix specifies the minimum quality system requirements applicable to SLAMS air monitoring data and PSD data for the pollutants SO₂, NO₂, O₃, CO, Pb, PM_{2.5}, PM₁₀ and PM_{10-2.5} submitted to EPA. This appendix also applies to all SPM stations using FRM, FEM, or ARM methods