

Environmental Protection Agency

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§ 58.32 NAMS approval.

The NAMS network required by § 58.30 is subject to the approval of the Administrator. Such approval will be contingent upon completion of the network description as outlined in § 58.31 and upon conformance to the NAMS design criteria contained in appendix D to this part.

§ 58.33 NAMS methodology.

Each NAMS must meet the monitoring methodology requirements of appendix C to this part applicable to NAMS at the time the station is put into operation as a NAMS.

§ 58.34 NAMS network completion.

With the exception of PM₁₀ samplers, which shall be by 1 year after September 16, 1997, and PM_{2.5}, which shall be by 3 years after September 16, 1997:

(a) Each NAMS must be in operation, be sited in accordance with the criteria in Appendix E to this part, and be located as described in the AIRS database; and

(b) The quality assurance requirements of appendix A to this part must be fully implemented for all NAMS.

[44 FR 27571, May 10, 1979, as amended at 46 FR 44164, Sept. 3, 1981; 52 FR 24740, July 1, 1987; 59 FR 41628, Aug. 12, 1994; 62 FR 38833, July 18, 1997; 64 FR 3034, Jan. 20, 1999]

§ 58.35 NAMS data submittal.

(a) The requirements of this section apply to those stations designated as both SLAMS and NAMS by the network description required by §§ 58.20 and 58.30.

(b) The State shall report to the Administrator all ambient air quality data for SO₂, CO, O₃, NO₂, Pb, PM₁₀, and PM_{2.5}, and information specified by the AIRS Users Guide (Volume II, Air Quality Data Coding, and Volume III, Air Quality Data Storage) to be coded into the AIRS-AQS format. Such air quality data and information must be submitted directly to the AIRS-AQS via either electronic transmission or magnetic tape, in the format of the AIRS-AQS, and in accordance with the quarterly schedule described in paragraph (c) of this section.

(c) The specific quarterly reporting periods are January 1-March 31, April

1-June 30, July 1-September 30, and October 1-December 31. The data and information reported for each reporting period must:

(1) Contain all data and information gathered during the reporting period.

(2) Be received in the AIRS-AQS within 90 days after the end of the quarterly reporting period. For example, the data for the reporting period January 1-March 31, 1994 are due on or before June 30, 1994.

(d) Air quality data submitted for each reporting period must be edited, validated, and entered into the AIRS-AQS for updating (within the time limits specified in paragraph (c) of this section) pursuant to appropriate AIRS-AQS procedures. The procedures for editing and validating data are described in the AIRS Users Guide, Volume II Air Quality Data Coding.

(e) This section does not permit a State to exempt those SLAMS which are also designated as NAMS from all or any of the reporting requirements applicable to SLAMS in § 58.26.

[44 FR 27571, May 10, 1979, as amended at 46 FR 44164, Sept. 3, 1981; 51 FR 9586, Mar. 19, 1986; 52 FR 24740, July 1, 1987; 59 FR 41628, Aug. 12, 1994; 62 FR 38833, July 18, 1997]

§ 58.36 System modification.

During the annual SLAMS Network Review specified in § 58.20, any changes to the NAMS network identified by the EPA and/or proposed by the State and agreed to by the EPA will be evaluated. These modifications should address changes invoked by a new census and changes to the network due to changing air quality levels, emission patterns, etc. The State shall be given one year (until the next annual evaluation) to implement the appropriate changes to the NAMS network.

[51 FR 9586, Mar. 19, 1986]

Subpart E—Photochemical Assessment Monitoring Stations (PAMS)

SOURCE: 58 FR 8468, Feb. 12, 1993, unless otherwise noted.

§ 58.40 PAMS network establishment.

(a) In addition to the plan revision, the State shall submit a photochemical

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assessment monitoring network description including a schedule for implementation to the Administrator within 6 months after;

- (1) February 12, 1993; or
- (2) Date of redesignation or reclassification of any existing O₃ nonattainment area to serious, severe, or extreme; or
- (3) The designation of a new area and classification to serious, severe, or extreme O₃ nonattainment.

The network description will apply to all serious, severe, and extreme O₃ nonattainment areas within the State. Some O₃ nonattainment areas may extend beyond State or Regional boundaries. In instances where PAMS network design criteria as defined in appendix D to this part require monitoring stations located in different States and/or Regions, the network description and implementation schedule should be submitted jointly by the States involved. When appropriate, such cooperation and joint network design submittals are preferred. Network descriptions shall be submitted through the appropriate Regional Office(s). Alternative networks, including different monitoring schedules, periods, or methods, may be submitted, but they must include a demonstration that they satisfy the monitoring data uses and fulfill the PAMS monitoring objectives described in sections 4.1 and 4.2 of appendix D to this part.

(b) For purposes of plan development and approval, the stations established or designated as PAMS must be stations from the SLAMS network or become part of the SLAMS network required by § 58.20.

(c) The requirements of appendix D to this part applicable to PAMS must be met when designing the PAMS network.

§ 58.41 PAMS network description.

The PAMS network description required by § 58.40 must contain the following:

- (a) Identification of the monitoring area represented.
- (b) The AIRS site identification number for existing stations.
- (c) The proposed location for scheduled stations.

(d) Identification of the site type and location within the PAMS network design for each station as defined in appendix D to this part except that during any year, a State may choose to submit detailed information for the site scheduled to begin operation during that year's PAMS monitoring season, and defer submittal of detailed information on the remaining sites until succeeding years. Such deferred network design phases should be submitted to EPA for approval no later than January 1 of the first year of scheduled operation. As a minimum, general information on each deferred site should be submitted each year until final approval of the complete network is obtained from the Administrator.

(e) The sampling and analysis method for each of the measurements.

(f) The operating schedule for each of the measurements.

(g) An O₃ event forecasting scheme, if appropriate.

(h) A schedule for implementation. This schedule should include the following:

(1) A timetable for locating and submitting the AIRS site identification form for each scheduled PAMS that is not located at the time of submittal of the network description;

(2) A timetable for phasing-in operation of the required number and type of sites as defined in appendix D to this part; and

(3) A schedule for implementing the quality assurance procedures of appendix A to this part for each PAMS.

[58 FR 8468, Feb. 12, 1993, as amended at 64 FR 3035, Jan. 20, 1999]

§ 58.42 PAMS approval.

The PAMS network required by § 58.40 is subject to the approval of the Administrator. Such approval will be contingent upon completion of each phase of the network description as outlined in § 58.41 and upon conformance to the PAMS network design criteria contained in appendix D to this part.

§ 58.43 PAMS methodology.

PAMS monitors must meet the monitoring methodology requirements of