

must first determine whether the control requirements set forth in the applicable industrial NESHAP(s) or the control requirements applicable to a new or reconstructed nonindustrial POTW under §63.1586 would require more stringent overall control of HAP emissions. You must then meet whichever set of requirements is more stringent. If you determine that the controls required by the applicable industrial NESHAP(s) are more stringent, you demonstrate compliance by operating treatment and control devices which meet all requirements specified in those industrial NESHAP(s). If you determine that the controls required for a new or reconstructed nonindustrial POTW are more stringent, you demonstrate compliance by meeting all requirements in §§63.1586 through 63.1590.

NON-INDUSTRIAL POTW TREATMENT PLANT REQUIREMENTS

**§ 63.1586 What are the emission points and control requirements for a non-industrial POTW treatment plant?**

There are no control requirements for an existing non-industrial POTW treatment plant. The control requirements for a new or reconstructed non-industrial POTW treatment plant are as follows:

(a) Covers on the emission points up to, but not including, the secondary influent pumping station or the secondary treatment units. These emission points are treatment units that include, but are not limited to, influent waste stream conveyance channels, bar screens, grit chambers, grinders, pump stations, aerated feeder channels, primary clarifiers, primary effluent channels, and primary screening stations. In addition, all covered units, except primary clarifiers, must have the air in the headspace ducted to a control device in accordance with the standards for closed-vent systems and control devices in §63.693 of subpart DD of this part, except you may substitute visual inspections for leak checks rather than Method 21 of Appendix A of part 60 of this chapter. Reconstructed is defined in §63.1595.

(1) Covers must be tightly fitted and designed and operated to minimize exposure of the wastewater to the atmos-

phere. This includes, but is not limited to, the absence of visible cracks, holes, or gaps in the roof sections or between the roof and the supporting wall; broken, cracked, or otherwise damaged seals or gaskets on closure devices; and broken or missing hatches, access covers, caps, or other closure devices.

(2) If wastewater is in a treatment unit, each opening must be maintained in a closed, sealed position, unless plant personnel are present and conducting wastewater or sludge sampling, or equipment inspection, maintenance, or repair.

(b) As an alternative to the requirements in paragraph (a) of this section, you may comply by demonstrating, for all units up to the secondary influent pumping station or the secondary treatment units, that the fraction emitted does not exceed 0.014. You must demonstrate that for your POTW, the sum of all HAP emissions from those units divided by the sum of all HAP mass loadings results in a annual rolling average of the fraction emitted no greater than 0.014. You may use any combination of pretreatment, wastewater treatment plant modifications, and control devices to achieve this performance standard; however, you must demonstrate, to the Administrator's satisfaction that:

(1) You have accurately determined your POTW's annual HAP mass loadings and your POTW's annual HAP emissions as of the date of start-up;

(2) Your POTW meets the fraction emitted standard of 0.014 or less; and

(3) Your POTW has established procedures to demonstrate continuous compliance which are consistent with the criteria set forth in §63.1588(c)(4).

**§ 63.1587 When do I have to comply?**

If your POTW treatment plant began construction on or after December 1, 1998, you must comply with all provisions of this subpart either immediately upon startup, or by six months after October 26, 1999, whichever date is later.

**§ 63.1588 What inspections must I conduct?**

(a) If your treatment units are required to have covers, you must conduct the following inspections:

(1) You must visually check the cover and its closure devices for defects that could result in air emissions. Defects include, but are not limited to, visible cracks, holes, or gaps in the roof sections or between the roof and the supporting wall; broken, cracked, or otherwise damaged seals or gaskets on closure devices; and broken or missing hatches, access covers, caps, or other closure devices.

(2) You must perform an initial visual inspection with follow-up inspections at least once per year.

(3) In the event that you find a defect on a treatment unit in use, you must repair the defect within 45 days. If you cannot repair within 45 days, you must notify the EPA or the designated State authority immediately and report the reason for the delay and the date you expect to complete the repair. If you find a defect on a treatment unit that is not in service, you must repair the defect prior to putting the treatment unit back in wastewater service.

(b) If you own or operate a control device used to meet the requirements for § 63.1586, you must comply with the inspection and monitoring requirements of § 63.695(c) of subpart DD of this part.

(c) To comply with the performance standard specified in § 63.1586(b), you must develop an inspection and monitoring plan. This inspection and monitoring plan must include, at a minimum, the following:

(1) A method to determine, to the satisfaction of the Administrator, the influent HAP mass loading, *i.e.*, the annual mass quantity for each HAP entering the wastewater treatment plant.

(2) A method to determine, to the satisfaction of the Administrator, your POTW's annual HAP emissions for all units up to and including the secondary influent pumping station or up to and not including the secondary treatment units as of October 26, 1999. The method you use to determine your HAP emissions, such as modeling or direct source measurement, must:

(i) Be approved by your EPA Regional Office, State, or local regulatory agency for use at your POTW;

(ii) Account for all factors affecting emissions from your plant including, but not limited to, emissions from

wastewater treatment units; emissions resulting from inspection, maintenance, and repair activities; fluctuations (*e.g.*, daily, monthly, annual, seasonal) in your influent wastewater HAP concentrations; annual industrial loading; performance of control devices; or any other factors that could affect your annual HAP emissions; and

(iii) Include documentation that the values and sources of all data, operating conditions, assumptions, etc., used in your method result in an accurate estimation of annual emissions from your plant.

(3) Documentation, to the satisfaction of the Administrator, that your POTW meets the fraction emitted standard of 0.014 or less, *i.e.*, the sum of all HAP emissions from paragraph (c)(2) of this section divided by the sum of all HAP mass loadings from paragraph (c)(1) of this section results in a fraction emitted of 0.014 or less as described in paragraph (c)(4) of this section.

(4) A method to demonstrate, to the satisfaction of the Administrator, that your POTW is in continuous compliance with the requirements of § 63.1586(b). Continuous compliance means that your emissions, when averaged over the course of a year, do not exceed the level of emissions that allows your POTW to comply with § 63.1586(b). For example, you may identify a parameter(s) that you can monitor that assures your emissions, when averaged over the entire year, will meet the requirements in § 63.1586(b). Some example parameters that may be considered for monitoring include your wastewater influent HAP concentration and flow, industrial loading from your permitted industrial dischargers, and your control device performance criteria. Where emission reductions are due to proper operation of equipment, work practices, or other operational procedures, your demonstration must specify the frequency of inspections and the number of days to completion of repairs. You must, at a minimum, perform the following each month to demonstrate that your annual rolling average of the fraction emitted is 0.014 or less:

(i) Determine the average daily flow of the wastewater entering your POTW treatment plant for the month;

(ii) Determine the flow-weighted monthly concentration of each HAP in your influent listed in Table 1 to subpart DD of this part;

(iii) Using the current month's information in paragraphs (c)(4)(i) and (ii) of this section, determine a total annual loading (Mg/year) of each HAP entering your POTW treatment plant;

(iv) Sum up the values in paragraph (c)(4)(iii) of this section and determine a total annual loading value (Mg/year) for all HAP entering your POTW treatment plant for the current month;

(v) Based on the current month's information in paragraph (c)(4)(iii) of this section along with source testing and emission modeling, for each HAP, determine annual emissions (Mg/year) from all wastewater units up to, but not including, secondary treatment units;

(vi) Sum up the values in paragraph (c)(4)(v) of this section and determine the total annual emissions value for the month for all HAP from all wastewater units up to, but not including, secondary treatment units;

(vii) Calculate the fraction emitted value for the month by dividing the total annual HAP emissions value from paragraph (c)(4)(vi) of this section by the total annual loading from paragraph (c)(4)(iv) of this section; and

(viii) Average the fraction emitted value for the month determined in paragraph (c)(4)(vii) of this section, with the values determined for the previous 11 months, to calculate an annual rolling average of the fraction HAP emitted.

#### § 63.1589 What records must I keep?

(a) To comply with the equipment standard specified in § 63.1586(b), you must prepare and maintain the following records:

(1) A record for each treatment unit inspection required by § 63.1588(a). You must include a treatment unit identification number (or other unique identification description as selected by you) and the date of inspection.

(2) For each defect detected during inspections required by § 63.1588(a), you must record the location of the defect,

a description of the defect, the date of detection, the corrective action taken to repair the defect, and the date the repair to correct the defect is completed.

(3) In the event that repair of the defect is delayed, in accordance with the provisions of § 63.1588(a), you must also record the reason for the delay and the date you expect to complete the repair.

(4) If you own or operate a control device used to meet the requirements for § 63.1586, you must comply with the recordkeeping requirements of § 63.696(a), (b), (g), and (h).

(b) To comply with the performance standard specified in § 63.1586(b), you must prepare and maintain the following records:

(1) A record of the methods and data used to determine your POTW's annual HAP emissions as determined in § 63.1588(c);

(2) A record of the methods and data used to determine that your POTW meets the fraction emitted standard of 0.014 or less, as determined in § 63.1588(c); and

(3) A record of the methods and data that demonstrates that your POTW is in continuous compliance with the requirements of § 63.1588(c).

#### § 63.1590 What reports must I submit?

(a)(1) If you have an existing non-industrial POTW treatment plant, you are not required to submit a notification of compliance status. If you have a new or reconstructed nonindustrial POTW treatment plant, you must submit to the Administrator a notification of compliance status, signed by the responsible official who must certify its accuracy, attesting to whether your POTW treatment plant has complied with this subpart. This notification must be submitted initially, and each time a notification of compliance status is required under this subpart. At a minimum, the notification must list—

(i) The methods that were used to determine compliance;

(ii) The results of any monitoring procedures or methods that were conducted;

(iii) The methods that will be used for determining continuing compliance;