

WAC 173-408-170 Reporting requirements. The owner or operator of a MSW landfill must prepare and submit reports as prescribed in this section. Reports required by this subsection must be retained in the operating record required by WAC 173-351-200 (10) (a).

(1) Initial waste in place report: Each owner or operator of a MSW landfill that meets the requirements of WAC 173-408-060(1) must submit an initial waste in place report to the department. The report must be submitted within 90 days of the effective date of this chapter and include the following information:

(a) The landfill information set forth in subsection (3) (b) (i) of this section.

(b) The estimated waste in place, in tons, as of December 31st of the previous year.

(2) Initial landfill gas heat input capacity report: Any owner or operator of a MSW landfill subject to the requirements of WAC 173-408-070(2) must calculate the landfill gas HIC, using the procedures in WAC 173-408-120(2), and submit the calculation to the department. The calculation must be submitted within 90 days of the effective date of this chapter.

(3) Annual reports: The owner or operator of a MSW landfill must prepare an annual report containing the information set forth in subsections (3) through (7) of this section, as applicable.

(a) The annual report must be prepared for the period of January 1st through December 31st of each year and be submitted to the department and local authority by April 1st of the subsequent year.

(b) In each annual report, the following information must be included:

(i) MSW landfill name, owner and operator, address, and facility/site ID (FS ID) number; and

(ii) Most recent topographic map, at a minimum, of the site showing all types of cover (e.g., final, interim, daily) with corresponding percentages over the landfill surface.

(4) Annual waste in place report: Any owner or operator of a MSW landfill subject to the requirements of WAC 173-408-060(2) must include the following information in the annual report required by subsection (3) of this section. The estimated waste in place, in tons, as of December 31st of the previous year.

(5) Annual landfill gas heat input capacity report: Any owner or operator subject to the requirements of WAC 173-408-070(3) must calculate the landfill gas HIC, using the procedures in WAC 173-408-120(2), and include the calculation in the annual report required by subsection (3) of this section.

(6) Surface emissions monitoring report: Any owner or operator who conducts surface emissions monitoring pursuant to WAC 173-408-110(1), and component monitoring pursuant to WAC 173-408-110(2)(c), must include the following information in the annual report required by subsection (3) of this section:

(a) Date(s) of all monitoring;

(b) Location of the monitoring grid coordinates on a topographic map; and

(c) Measured concentration of methane in ppmv, exceedances, and all corrective actions taken.

(7) Gas collection and control system operations: Any owner or operator of a MSW landfill that has a gas collection and control system must include the following in the annual report required by subsection (3) of this section:

(a) Total volume of landfill gas collected (reported in standard cubic feet);

(b) Average composition of the landfill gas collected over the reporting period (reported in percent methane and percent carbon dioxide by volume);

(c) Gas control device type, year of installation, rating, fuel type, and total amount of landfill gas combusted in each control device;

(d) The date that the gas collection and control system was installed and in full operation;

(e) The percent methane destruction efficiency of each gas control device(s);

(f) Type and amount of supplemental fuels burned with the landfill gas in each device;

(g) Total volume of landfill gas shipped off-site, the composition of the landfill gas collected (reported in percent methane and percent carbon dioxide by volume), and the recipient of the gas; and

(h) A copy of the most recent source test for each gas control device.

(8) Closure notification report: The owner or operator of a MSW landfill that ceases to accept waste must submit a closure notification to the department or local authority in accordance with this subsection. Except as provided in (e) of this subsection, the closure notification must be submitted within 30 days of ceasing to accept waste.

(a) The closure notification must include the last day solid waste was accepted, the anticipated closure date of the MSW landfill, and the estimated waste in place.

(b) If a MSW landfill with greater than or equal to 450,000 tons of waste in place submits a closure notification pursuant to this section, the owner or operator of the landfill must submit a 30-year projection of their estimated HIC calculation, according to the procedures in WAC 173-408-980 (Appendix I), as part of this report.

(c) Additional information may be requested as necessary to verify that permanent closure has taken place in accordance with the requirements of any applicable federal, state, or local statutes, regulations, and ordinances in effect at the time of closure.

(d) If a closure report has been submitted, no additional wastes may be placed into the landfill without filing a notification with the department or local authority.

(e) In lieu of submitting the closure notification report within 30 days of ceasing to accept waste, the owner or operator of an inactive municipal solid waste landfill, as defined in WAC 173-408-020, may submit documentation to the department or local authority demonstrating that all of the following occurred prior to the effective date of this chapter.

(i) The owner or operator notified the jurisdictional health department of the intent to implement an approved closure plan, in compliance with WAC 173-304-407 (5) (a);

(ii) The owner or operator commenced implementation of an approved closure plan within 30 days of ceasing to accept waste, in compliance with WAC 173-304-407 (5) (b); and

(iii) The owner or operator submitted all facility closure plan sheets and certification of closure, in compliance with WAC 173-304-407 (5) (d).

(9) Equipment removal report: The owner or operator of a MSW landfill must submit a gas collection and control system equipment re-

moval report to the department or local authority within 30 days of well capping or the removal or cessation of operation of the gas collection, treatment, or control system equipment. The report must contain the following information:

(a) A copy of the closure notification report submitted pursuant to subsection (8) of this section;

(b) A copy of the initial source test report, prepared pursuant to WAC 173-408-080 (6)(a), or other documentation demonstrating that the gas collection and control system has been installed and operated for a minimum of 15 years, unless the owner or operator can demonstrate that due to declining methane rates the landfill is unable to operate the gas collection and control system for a 15-year period; and

(c) Eight consecutive quarterly instantaneous or integrated emissions monitoring results, collected pursuant to WAC 173-408-090(2), as needed to verify that landfill surface methane concentration measurements do not exceed the limits in WAC 173-408-100(2).

[Statutory Authority: Chapter 70A.540 RCW. WSR 24-11-052 (Order 22-15), § 173-408-170, filed 5/13/24, effective 6/13/24.]