

WAC 173-408-160 Recordkeeping requirements. (1) The owner or operator of a MSW landfill, or a third-party owner or operator, must maintain records as prescribed in this subsection. The records must be provided by the owner or operator to the department or local authority within five business days of a request. Records described in this subsection must be retained in the operating record required by WAC 173-351-200 (10) (a).

(a) An owner or operator must maintain the following records for at least five years:

(i) All surface emission monitoring plans and monitoring records.

(ii) All records of gas collection system downtime exceeding five calendar days, including individual well shutdown and disconnection times, and the reason for the downtime.

(iii) All records of gas control system downtime in excess of one hour, the reason for the downtime, and the length of time the gas control system was shutdown.

(iv) Expected gas generation flow rate calculated in accordance with WAC 173-408-120(5).

(v) Records of all instantaneous surface readings of 200 ppmv or greater, in accordance with WAC 173-408-120 (3) (b) (i).

(vi) All exceedances of the limits set forth in WAC 173-408-100(2), including the location of the leak (or affected grid), leak concentration in ppmv, date and time of measurement, the action(s) taken to repair the leak, date of repair, any required remonitoring and the remonitored concentration in ppmv, wind speed and barometric pressure during surface sampling; and the installation date and location of each well installed as part of a gas collection system expansion.

(vii) Records of any component leak exceedances and corrective actions taken, in accordance with WAC 173-408-110 (2) (c).

(viii) Records of any positive wellhead gauge pressure measurements, the date of the measurements, the well identification number, and the corrective action taken, in accordance with WAC 173-408-110(3).

(ix) Annual solid waste acceptance rate and the current amount of waste in place.

(x) Records of the nature, location, amount, and date of deposition of nondecomposable waste for any landfill areas excluded from the collection system.

(xi) Results of any source tests conducted pursuant to WAC 173-408-120(6).

(xii) Records describing the mitigation measures taken to prevent the release of methane or other emissions into the ambient air:

(A) When solid waste was brought to the surface during the installation or preparation of wells, piping, or other equipment;

(B) During repairs or the temporary shutdown of gas collection system components; or

(C) When solid waste was excavated and moved.

(xiii) Records of the equipment operating parameters specified to be monitored under WAC 173-408-110 (2) (a) and (b), as well as records for periods of operation during which the parameter boundaries established during the most recent source test are exceeded. The records must include the following information:

(A) For enclosed flares, all three-hour periods of operation during which the average temperature difference was more than 28 degrees Celsius (or 50 degrees Fahrenheit) below the average combustion tem-

perature during the most recent source test at which compliance with WAC 173-408-080 (4) and (5) was determined.

(B) For boilers or process heaters, whenever there is a change in the location at which the vent stream is introduced into the flame zone pursuant to WAC 173-408-080 (5)(a)(ii).

(C) For any owner or operator who uses a boiler or process heater with a design heat input capacity of 44 megawatts (150 MMBtu/hr) or greater to comply with WAC 173-408-080(5), all periods of operation of the boiler or process heater (e.g., steam use, fuel use, or monitoring data collected pursuant to other federal, state, or local regulatory requirements).

(xiv) Records of any actions involving disturbance or removal of areas of the landfill surface where the landfill cover material has been removed for the purpose of installing, expanding, replacing, or repairing components of the landfill cover system, the landfill gas collection and control system, the leachate collection and removal system, or a landfill gas condensate collection and removal system. The records must contain the following information:

(A) A description of the actions being taken, the areas of the MSW landfill that will be affected by these actions, the reason the actions are required, and any landfill gas collection system components that will be affected by these actions.

(B) Disturbance or removal start and finish dates, projected equipment installation dates, and projected shut down times for individual gas collection system components.

(C) A description of the mitigation measures taken to minimize methane emissions and other potential air quality impacts.

(xv) Records of any active mining activities, as defined in WAC 173-408-020. The records must contain the following information:

(A) A description of the actions being taken, the areas of the MSW landfill that will be affected by these actions, the reason the actions are required, and any landfill gas collection system components that will be affected by these actions.

(B) Active mining start and finish dates and projected shut down times for individual gas collection system components.

(C) A description of the mitigation measures taken to minimize methane emissions and other potential air quality impacts.

(xvi) Records of any law enforcement activities requiring excavation. The records must contain the following information:

(A) A description of the actions being taken, the areas of the MSW landfill that will be affected by these actions, the reason the actions are required, and any landfill gas collection system components that will be affected by these actions.

(B) Law enforcement activity start and finish dates and projected shut down times for individual gas collection system components.

(C) A description of the mitigation measures taken to minimize methane emissions and other potential air quality impacts.

(b) The owner or operator must maintain the following records for the life of each gas control device, as measured during the initial source test or compliance determination:

(i) The control device vendor specifications.

(ii) The expected gas generation flow rate as calculated pursuant to WAC 173-408-120(5).

(iii) The percent reduction of methane achieved by the control device determined pursuant to WAC 173-408-120(6).

(iv) For a boiler or process heater, the description of the location at which the collected gas vent stream is introduced into the

boiler or process heater over the same time-period of the performance test.

(v) For an open flare: The flare type (i.e., steam-assisted, air-assisted, or nonassisted); all visible emission readings, heat content determination, flow rate or bypass flow rate measurements, and exit velocity determinations made during the performance test as specified in 40 C.F.R. 60.18 (in effect on the date in WAC 173-400-025), which is incorporated by reference herein; and records of the flare pilot flame or flare flame monitoring and records of all periods of operations during which the pilot flame or the flare flame is absent.

[Statutory Authority: Chapter 70A.540 RCW. WSR 24-11-052 (Order 22-15), § 173-408-160, filed 5/13/24, effective 6/13/24.]