

RCW 70A.540.030 Waste in place report—Calculation of landfill gas heat input capacity. (1) Each owner or operator of an active municipal solid waste landfill having fewer than 450,000 tons of waste in place must submit an annual waste in place report to the department or local authority pursuant to RCW 70A.540.070.

(a) The waste in place report must be prepared for the period of January 1st through December 31st of each year. The report must be submitted to the department or local authority during the subsequent calendar year, with the date of submission to be established by rule as adopted by the department.

(b) The waste in place report must be submitted annually until either:

(i) The active municipal solid waste landfill reaches a size greater than or equal to 450,000 tons of waste in place; or

(ii) The owner or operator submits a closure notification pursuant to RCW 70A.540.070.

(2) Each owner or operator of either an active municipal solid waste landfill having greater than or equal to 450,000 tons of waste in place or a closed municipal solid waste landfill having greater than or equal to 750,000 tons of waste in place must calculate the landfill gas heat input capacity pursuant to RCW 70A.540.080 and the department's implementing rules and must submit a landfill gas heat input capacity report to the department or local authority.

(a) If the calculated landfill gas heat input capacity is less than 3,000,000 British thermal units per hour recovered, the owner or operator must:

(i) Recalculate the landfill gas heat input capacity annually using the procedures specified in RCW 70A.540.080 and the department's implementing rules; and

(ii) Submit an annual landfill gas heat input capacity report to the department or local authority until either of the following conditions are met:

(A) The calculated landfill gas heat input capacity is greater than or equal to 3,000,000 British thermal units per hour recovered; or

(B) If the municipal solid waste landfill is active, the owner or operator submits a closure notification pursuant to RCW 70A.540.070.

(b) If the landfill gas heat input capacity is greater than or equal to 3,000,000 British thermal units per hour recovered, the owner or operator must either:

(i) Comply with the requirements of this chapter and the department's implementing rules; or

(ii) Demonstrate to the satisfaction of the department or local authority that after four consecutive quarterly monitoring periods there is no measured concentration of methane of 200 parts per million by volume or greater using the instantaneous surface monitoring procedures specified in RCW 70A.540.080 and the department's implementing rules. Based on the monitoring results, the owner or operator must do one of the following:

(A) If there is any measured concentration of methane of 200 parts per million by volume or greater from the surface of an active, inactive, or closed municipal solid waste landfill, comply with this chapter and the department's implementing rules adopted pursuant to RCW 70A.540.020;

(B) If there is no measured concentration of methane of 200 parts per million by volume or greater from the surface of an active

municipal solid waste landfill, recalculate the landfill gas heat input capacity annually as required in (a) of this subsection until such time that the owner or operator submits a closure notification pursuant to RCW 70A.540.070 and the department's implementing rules adopted pursuant to RCW 70A.540.020; or

(C) If there is no measured concentration of methane of 200 parts per million by volume or greater from the surface of a closed or inactive municipal solid waste landfill, the requirements of this chapter and the department's implementing rules adopted pursuant to RCW 70A.540.020 no longer apply, provided that the following information is submitted to and approved by the department or local authority:

(I) A waste in place report pursuant to RCW 70A.540.070 and the department's implementing rules adopted pursuant to RCW 70A.540.020; and

(II) All instantaneous surface monitoring records. [2022 c 179 s 3.]