

**EULANDFILL-ASBESTOS  
EMISSION UNIT CONDITIONS**

**Change the red text to black prior to issuing the final permit or submitting it with a permit application.**

**Blue text is guidance or notes on the use of the template. Delete all blue text prior to issuing the final permit or submitting it with a permit application.**

**NOTE: If the landfill has ever received asbestos containing waste materials or if the landfill has future plans to accept asbestos containing waste materials, this table must be included in the ROP**

**DESCRIPTION**

This landfill is actively accepting or has accepted asbestos waste in the past.

**Flexible Group ID: FGLANDFILL-~~{ID}~~**

**POLLUTION CONTROL EQUIPMENT**

NA

**I. EMISSION LIMIT(S)**

NA

**II. MATERIAL LIMIT(S)**

NA

**III. PROCESS/OPERATIONAL RESTRICTIONS**

1. **If the landfill accepts asbestos-containing waste materials from a source covered under 40 CFR 61.149, 40 CFR 61.150, or 40 CFR 61.155, the permittee shall meet the following operational requirements: (40 CFR 61.154)**
  - a. Either there must be no visible emissions to the outside air from any active waste disposal site where asbestos-containing waste material has been deposited, or the requirements of 40 CFR 61.154(c) or (d) must be met. **(40 CFR 61.154(a))**
  - b. Unless a natural barrier adequately deters access by the general public, either warning signs and fencing must be installed and maintained as follows, or the requirements of 40 CFR 61.154(c)(1) must be met. **(40 CFR 61.154(b))**
    - i. Warning signs must be displayed at all entrances and at intervals of 100 m (330 ft) or less along the property line of the site or along the perimeter of the sections of the site where asbestos-containing waste material is deposited. **(40 CFR 61.154(b)(1))** The warning signs must:
      - (1) Be posted in such a manner and location that a person can easily read the legend. **(40 CFR 61.154(b)(1)(i))**
      - (2) Conform to the requirements of 51 cm by 36 cm (20 inches by 14 inches) upright format signs specified in 29 CFR 1910.145(d)(4) and 40 CFR 61.154(b)(1). **(40 CFR 61.154(b)(1)(ii))**
      - (3) The permittee shall display the legend in the lower panel with letter sizes and styles of a visibility at least equal to those specified in 40 CFR 61.154(b)(1). Spacing between any two lines must be at least equal to the height of the upper of the two lines. **(40 CFR 61.154(b)(1)(iii))**

- ii. The perimeter of the disposal site must be fenced in a manner adequate to deter access by the general public. **(40 CFR 61.154(b)(2))**
- iii. Upon request and supply of appropriate information, the appropriate AQD District Supervisor will determine whether a fence or a natural barrier adequately deters access by the general public. **(40 CFR 61.154(b)(3))**
- c. Rather than meet the no visible emission requirement of 40 CFR 61.154(a), at the end of each operating day, or at least once every 24-hour period while the site is in continuous operation, the asbestos-containing waste material that has been deposited at the site during the operating day or previous 24-hour period shall: **(40 CFR 61.154(c))**
  - i. Be covered with at least 15 centimeters (6 inches) of compacted non-asbestos-containing material. **(40 CFR 61.154(c)(1))** or
  - ii. Be covered with a resinous or petroleum-based dust suppression agent that effectively binds dust and controls wind erosion. Such an agent shall be used in the manner and frequency recommended for the particular dust by the dust suppression agent manufacturer to achieve and maintain dust control. Other equally effective dust suppression agents may be used upon prior approval by the appropriate AQD District Supervisor. For purposes of 40 CFR 61.154(c)(2), any used, spent, or other waste oil is not considered a dust suppression agent. **(40 CFR 61.154(c)(2))**

#### **IV. DESIGN/EQUIPMENT PARAMETERS**

- 1. The placement of gas collection devices determined in paragraph {choose one} 40 CFR 60.769(a)(1) **OR** 40 CFR 62.16728(a)(1) **and 40 CFR 63.1962(a)(1)** must control all gas producing areas, except as provided by {choose one} 40 CFR 60.769(a)(3)(i) and (a)(3)(ii) **OR** 40 CFR 62.16728(a)(3)(i) and (a)(3)(ii), **and 40 CFR 63.1962(a)(3)(i) and (a)(3)(ii).** ({choose one} **40 CFR 60.769(a)(3)** **OR** **40 CFR 62.16728(a)(3), 40 CFR 63.1962(a)(3))**
  - a. Any segregated area of asbestos or non-degradable material may be excluded from collection if documented as provided under {choose one} 40 CFR 60.768(d) **OR** 40 CFR 62.16726(d) **and 40 CFR 63.1983(d).** The documentation must provide the nature, date of deposition, location, and amount of asbestos or non-degradable material deposited in the area and shall be provided to the AQD upon request. ({choose one} **40 CFR 60.769(a)(3)(i)** **OR** **40 CFR 62.16728(a)(3)(i), 40 CFR 63.1962(a)(3)(i)**)

#### **V. TESTING/SAMPLING**

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

NA

#### **VI. MONITORING/RECORDKEEPING**

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

- 1. **For all asbestos-containing waste material received,** the permittee of the active waste disposal site shall:
  - a. Maintain waste shipment records that include the following information: **(40 CFR 61.154(e)(1))**
    - i. The name, address, and telephone number of the waste generator. **(40 CFR 61.154(e)(1)(i))**
    - ii. The name, address, and telephone number of the transporter(s). **(40 CFR 61.154(e)(1)(ii))**
    - iii. The quantity of the asbestos-containing waste material in cubic meters (cubic yards). **(40 CFR 61.154(e)(1)(iii))**
    - iv. The presence of improperly enclosed or uncovered waste, or any asbestos-containing waste material not sealed in leak-tight containers. Report in writing to the local, State, or USEPA Regional office responsible for administering the asbestos NESHAP program for the waste generator (identified in the waste shipment record), and, if different, the local, State, or USEPA Regional office responsible for administering the asbestos NESHAP program for the disposal site, by the following working day, the presence of a significant amount of improperly enclosed or uncovered waste. Submit a copy of the waste shipment record along with the report. **(40 CFR 61.154(e)(1)(iv))**
    - v. The date of the receipt. **(40 CFR 61.154(e)(1)(v))**

- b. As soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed waste shipment record to the waste generator. **(40 CFR 61.154(e)(2))**
  - c. Upon discovering a discrepancy between the quantity of waste designated on the waste shipment records and the quantity received, attempt to reconcile the discrepancy with the waste generator. If the discrepancy is not resolved within 15 days after receiving the waste, immediately report in writing to the local, State, or USEPA Regional office responsible for administering the asbestos NESHAP program for the waste generator (identified in the waste shipment record), and, if different, the local, State, or USEPA Regional office responsible for administering the asbestos NESHAP program for the disposal site. Describe the discrepancy and attempts to reconcile it and submit a copy of the waste shipment record along with the report. **(40 CFR 61.154(e)(3))**
2. The permittee shall maintain, until closure, records of the location, depth and area, and quantity in cubic meters (cubic yards) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area storage. **(40 CFR 61.154(f))**
  3. The permittee must keep readily accessible documentation of the nature, date of deposition, amount, and location of asbestos-containing or non-degradable waste excluded from collection as provided in {choose one} 40 CFR 60.769(a)(3)(i) **OR** 40 CFR 62.16728(a)(3)(i) **and** 40 CFR 63.1962(a)(3)(i) as well as any nonproductive areas excluded from collection as provided in {choose one} 40 CFR 60.769(a)(3)(ii) **OR** 40 CFR 62.16728(a)(3)(ii) and 40 CFR 63.1962(a)(3)(ii). ({choose one} 40 CFR 60.768(d)(2) **OR** 40 CFR 62.16726(d)(2), 40 CFR 63.1983(d)(2))
  4. The permittee shall keep records of one of the following regarding any active disposal site where asbestos containing materials have been deposited:
    - a. USEPA Testing Method 22 readings demonstrating no visible emissions from any active disposal site where asbestos containing materials have been deposited. These readings are to be taken for 15 minutes each operating day. **(R 336.1213(3))**
    - b. Records of the date asbestos waste is received, the amount and type of material that has been used to cover the asbestos waste, and documentation that the cover material was applied in the frequency required in SC III.1.c. **(40 CFR 61.154(c))**

## **VII. REPORTING**

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be received by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be received March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. The permittee shall submit to the appropriate AQD District Supervisor, upon closure of the facility, a copy of records of asbestos waste disposal locations and quantities. **(40 CFR 61.154(h))**
5. The permittee shall furnish upon request and make available during normal business hours for inspection by the AQD, all records required by 40 CFR Part 61. **(40 CFR 61.154(i))**
6. Notify the AQD in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided to the AQD at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. **(40 CFR 61.154(j))**

Include the following information in the notice:

- a. Scheduled starting and completion dates. **(40 CFR 61.154(j)(1))**
- b. Reason for disturbing the waste. **(40 CFR 61.154(j)(2))**

- c. Procedures to be used to control emissions during the excavation, storage, transport, and ultimate disposal of the excavated asbestos-containing waste material. If deemed necessary, the AQD or may require changes in the emission control procedures to be used. **(40 CFR 61.154(j)(3))**
- d. Location of any temporary storage site and the final disposal site. **(40 CFR 61.154(j)(4))**

See Appendix 8

#### **VIII. STACK/VENT RESTRICTION(S)**

NA

#### **IX. OTHER REQUIREMENT(S)**

1. The permittee must comply with all applicable provisions of the National Emissions Standards for Hazardous Air Pollutants for Asbestos as specified in 40 CFR Part 61, Subparts A and M. **(40 CFR Part 61, Subparts A and M)**

**OPTIONAL:** Use the following condition only if a major source of HAPs as defined in 40 CFR 63.2 or an area source meeting the criteria in 40 CFR 63.1935(a)(3).

2. The permittee must comply with all applicable provisions of the National Emissions Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills as specified in 40 CFR Part 63, Subparts A and AAAA. **(40 CFR Part 63, Subparts A and AAAA)**

Remove these footnotes if no PTIs are associated with this emission unit or flexible group.

#### **Footnotes:**

<sup>1</sup>This condition is state-only enforceable and was established pursuant to Rule 201(1)(b).

<sup>2</sup>This condition is federally enforceable and was established pursuant to Rule 201(1)(a).