



## Ohio Administrative Code Rule 3745-535-610 Waste acceptance and placement.

Effective: June 15, 2024

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(A) Prior to initial waste acceptance in a new unit of a new facility, in any unit of a lateral expansion area, or in a vertical expansion, the owner or operator shall obtain all applicable authorizations including but not limited to authorizations related to the following:

- (1) Leachate treatment and disposal.
- (2) Discharges to surface water.
- (3) Management of surface water runoff.
- (4) Air emissions.

(B) The owner or operator shall not begin filling in a new phase until the following have occurred:

- (1) The approved limits of waste placement in the previous phase have been reached, except to the extent necessary for the proper operation of the facility.
- (2) Written concurrence is received from Ohio EPA that the new phase is in compliance with the applicable authorizing documents.
- (3) The financial assurance instrument has been funded to account for any increases in the closure cost estimate resulting from the construction of the new phase.

(C) Select waste layer.

- (1) The owner or operator shall place select waste as the first layer of waste in all areas within the limits of waste placement adjacent to or in contact with the leachate collection system to protect the composite liner from the intrusion of objects during operation of the facility. The select waste layer



shall conform to the following:

- (a) Be spread but not compacted.
  - (b) Not contain items over two feet in length that are capable of puncturing the liner.
  - (c) Not restrict the flow of liquid to the leachate collection and management system.
  - (d) Not contain fines or small particles that can clog the leachate collection system.
  - (e) Be placed as a single lift above the leachate collection layer such that a minimum distance of five feet is created between the liner and general waste placement.
- (2) The owner or operator shall place into the operating record documentation verifying the placement of the select waste layer that includes the following:
- (a) The date on which the select waste layer was placed.
  - (b) The location of the cell or phase where the select waste layer was placed.
  - (c) The thickness of the select waste layer.
  - (d) The source and composition of the material used for the select waste layer.
- (D) The owner or operator shall ensure that waste acceptance and placement is in accordance with the following:
- (1) Prior to placement in the working face, deposit waste that is burning or is at a temperature likely to cause fire in a separate location that is a sufficient distance from the working face and other combustible material to prevent fires from spreading and ensure the fire is immediately extinguished or the temperature of the waste is immediately lowered.
  - (2) Unloading of waste is conducted only at the working face and is confined to the smallest practical



area, except as follows:

(a) When the owner or operator is using areas designated in accordance with paragraph (D) of rule 3745-535-600 of the Administrative Code.

(b) As specified paragraph (C)(1) or (D)(1) of this rule.

(c) Unless otherwise authorized in writing by Ohio EPA.

(3) Ensure that all waste admitted to the facility is deposited at the working face, spread in layers not more than two feet thick, and compacted to the smallest practical volume using a waste compactor prior to placement of the next lift or daily cover, except as follows:

(a) When the owner or operator is using areas designated in accordance with paragraph (D) of rule 3745-535-600 of the Administrative Code.

(b) As specified in paragraphs (C)(1), (D)(1), (D)(4), and (D)(7)(c) of this rule.

(c) Unless otherwise authorized in writing by Ohio EPA.

(4) Bulky materials are compacted or otherwise managed to ensure the proper placement of daily cover.

(5) Dusty materials are handled, compacted, and covered to minimize the amount of dust generated.

(6) Conducted using adequate equipment that ensures the specifications of paragraphs (D)(1) to (D)(5) of this rule are met.

(7) If a waste compactor at the working face becomes inoperable, repair or replace the waste compactor as soon as practicable and do the following:

(a) Note in the daily log the status of the waste compactor.



(b) If all waste compactors are inoperable for more than seven consecutive days, immediately notify Ohio EPA and the approved health district that all waste compactors are inoperable.

(c) If all waste compactors are inoperable, spread waste deposited at the working face in layers not more than one foot thick and compress each layer to the smallest practical volume using a dozer prior to placement of the next lift or daily cover.