

**3745-27-86 Terminating and suspending the authorization to stabilize waste through bulk liquid addition by the owner or operator.**

- (A) If any of the following is observed or occurs, the owner or operator shall suspend liquid addition or terminate the research, development, or demonstration project:
- (1) Fire, including or as evidenced by any of the following:
    - (a) Flames or embers at the surface of the waste mass, excluding waste at the working face.
    - (b) Temperature of waste is measured above one hundred seventy degrees Fahrenheit.
    - (c) Carbon monoxide concentration in landfill gas at a wellhead is measured above one thousand parts per million by volume.
  - (2) Indications of excessive liquid addition, including or as evidenced by any of the following:
    - (a) The amount of liquid addition exceeds the amount of liquid addition authorized by the authorization to stabilize waste through bulk liquid addition.
    - (b) The depth of leachate on the composite liner system exceeds one foot.
    - (c) Leachate outbreaks with a constant liquid output and flow down the side slope are observed by the owner or operator.
    - (d) Abnormal vibration or shaking caused by traffic is detected when standing on the waste several feet away.
    - (e) Trucks or vehicles sinking into soft waste, particularly if the waste is wet or saturated, where the sinking is persistent and not weather-related.
  - (3) Occurrence of a slope failure in the area of the research, development, or demonstration project.
  - (4) The amount of leachate collected from the leachate collection and management system exceeds the calculated amount of liquid that can be added without exceeding one foot of head on the composite liner system, or two thousand gallons per acre per day, whichever is less.
  - (5) The gas management system is overwhelmed, as evidenced by any of the following:
    - (a) The volume of landfill gas generated results in the inability of the gas management system to maintain negative pressure.
    - (b) The volume of landfill gas exceeds the capacity of the gas management system components.
  - (6) Acceptance of prohibited materials identified in the permit to install application as required by paragraph (E)(1) of rule 3745-27-81 of the Administrative Code.
  - (7) Evidence that waste stabilization is not occurring (such as acidic leachate with a high chemical oxygen demand and little or no methane in the landfill gas).
- (B) If the owner or operator terminates the research, development, or demonstration project before the authorization to stabilize waste through bulk liquid addition expires, the owner or operator may notify Ohio

EPA of the project termination. Through such notification, the remaining period of the term of the authorization to stabilize waste through bulk liquid addition will be available for future research, development, or demonstration projects and shall not be counted toward the twenty-one year limit for acceptance of bulk liquids.

Effective: 02/07/2017

Five Year Review (FYR) Dates: 11/03/2016 and 11/01/2021

CERTIFIED ELECTRONICALLY

---

Certification

01/27/2017

---

Date

Promulgated Under: 119.03  
Statutory Authority: 3734.02  
Rule Amplifies: 3734.02  
Prior Effective Dates: 6/6/2011