# TREATMENT OR STORAGE IN WASTE PILES

## OAC 3745-67-50 thru 3745-67-60

## PROTECTION FROM WIND OAC 3745-67-51
1. Are waste materials subject to dispersal by wind adequately protected against such dispersal? [3745-67-51]

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<th>Yes □</th>
<th>No □</th>
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## WASTE ANALYSIS OAC 3745-67-52
2. Before new waste materials are added to an existing waste pile, is it first ascertained that the material is compatible with the existing waste through appropriate laboratory testing? [3745-67-52]

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<th>Yes □</th>
<th>No □</th>
<th>N/A □</th>
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a. Are the results of the analysis maintained in the facility's operating record as required by 3745-65-13? [3745-67-52]

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<th>Yes □</th>
<th>No □</th>
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## CONTAINMENT OAC 3745-67-53
3. If leachate or run-off from a waste pile is a hazardous waste, have the following steps been taken to prevent or properly manage the run-off: [3745-67-53]

a. The pile has been placed on an impermeable base that is compatible with the waste under conditions of treatment or storage? and;

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<th>Yes □</th>
<th>No □</th>
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b. A run-on control system capable of handling a 24 hr, 25-yr storm has been implemented? and;

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<th>No □</th>
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c. A run-off management system capable of controlling a 24 hr, 25-yr storm has been implemented? and;

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<th>No □</th>
<th>N/A □</th>
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d. Facilities associated with run-on and run-off control systems are managed to maintain design capacity after a rain event?

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<th>Yes □</th>
<th>No □</th>
<th>N/A □</th>
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OR;

E. The pile has been protected from precipitation and run-on in a manner which prevents the generation of leachate and runoff? and;

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<th>No □</th>
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f. No liquids or wastes containing free liquids are placed in the pile?

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<th>Yes □</th>
<th>No □</th>
<th>N/A □</th>
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## DESIGN AND OPERATING REQUIREMENTS OAC 3745-67-54
4. Was the waste pile constructed, laterally expanded, or replaced?

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<th>Yes □</th>
<th>No □</th>
<th>N/A □</th>
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**NOTE:** If yes, two or more liners and a leachate collection and removal system above and between such liners must be installed and operated in accordance with 3745-56-51(C) unless exempted under 3745-56-51 (D,E, or F) and must comply with 3745-67-21(B).

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### ACTION LEAKAGE RATES OAC 3745-67-55

5. Did the owner/operator of the waste pile unit submit a proposed action leakage rate to the Director when constructing, laterally expanding or replacing the unit?  
   - Yes ☐  
   - No ☐  
   - N/A ☐

### SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTE OAC 3745-67-56

6. Before ignitable or reactive wastes are placed in waste piles are one or both of the following met: [3745-67-56]
   - a. The addition to the pile results in a mixture which no longer meets the definition of ignitable or reactive under rules 3745-51-21 or 3745-51-23 and the activity was conducted in compliance with the safety requirements of 3745-65-17?  
     - Yes ☐  
     - No ☐  
     - N/A ☐
   - b. The ignitable or reactive material is physically or otherwise protected from conditions which may cause ignition or reaction?  
     - Yes ☐  
     - No ☐  
     - N/A ☐

### SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTE OAC 3745-67-57

7. Is the waste pile separated or protected from any incompatible materials which may be stored nearby? [3745-67-57(B)]  
   - Yes ☐  
   - No ☐  
   - N/A ☐

### CLOSURE, POST-CLOSURE CARE OAC 3745-67-58

8. At closure, have all waste residues and contaminated soils and structures been managed as hazardous waste?  
   - Yes ☐  
   - No ☐  
   - N/A ☐

**NOTE:** If all contaminated soils, structures, etc., cannot be removed, post-closure care as a landfill must be conducted. [3745-67-58]

### RESPONSE ACTIONS 3745-67-59

9. Was a response action plan as described in OAC 3745-67-59 (B) submitted with the proposed action/leakage rate to the Director? [3745-67-59(A)]  
   - Yes ☐  
   - No ☐  
   - N/A ☐

10. Has the approved action leakage rate by the Director been exceeded?  
    - Yes ☐  
    - No ☐  
    - N/A ☐
    - If yes, did the owner/operator (OAC 3745-67-59 (B)):
      - a. Notify the Director in writing within 7 days after determining the exceedance?  
         - Yes ☐  
         - No ☐  
         - N/A ☐
      - b. Submit a preliminary assessment to the Director within 14 days after the determination?  
         - Yes ☐  
         - No ☐  
         - N/A ☐
      - c. Determine to the extent practicable the location, size, and cause of the leak (in accordance with OAC 3745-67-59(C))?  
         - Yes ☐  
         - No ☐  
         - N/A ☐

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<td><strong>d.</strong></td>
<td>Determine whether waste receipts should cease, be curtailed, whether any waste should be removed from the unit for inspection, repairs, or controls and whether or not the unit should be closed (in accordance with OAC 3745-67-59(C).</td>
<td>Yes ☐ No ☐ N/A ☐</td>
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<td><strong>e.</strong></td>
<td>Determine any other short-term and longer-term actions to be taken to mitigate or stop any leaks (in accordance with OAC 3745-67-59(C)</td>
<td>Yes ☐ No ☐ N/A ☐</td>
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<td><strong>f.</strong></td>
<td>Within 30 days after the notification of action leakage rate exceedance, submit to the Director the results of specified analyses in OAC 3745-67-59(B)? And monthly thereafter a report to the director summarizing the results of any remedial actions taken and planned?</td>
<td>Yes ☐ No ☐ N/A ☐</td>
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**MONITORING AND INSPECTION OAC 3745-67-60**

11. Is the owner/operator recording the amount of liquids removed from each leak detection system sump at least once each week during the active life and closure period?

|   | Yes ☐ No ☐ N/A ☐ |
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