**Section 724.354 Monitoring and Inspection**

a) During construction or installation, liners (except in the case of existing portions of piles exempt from Section 724.351(a)) and cover systems (e.g., membranes, sheets or coatings) must be inspected for uniformity, damage, and imperfections (e.g., holes, cracks, thin spots, or foreign materials). Immediately after construction or installation, the following must be done:

1) Synthetic liners and covers must be inspected to ensure tight seams and joints and the absence of tears, punctures, and blisters; and

2) Soil-based and admixed liners and covers must be inspected for imperfections including lenses, cracks, channels, root holes, or other structural non-uniformities that may cause an increase in the permeability of the liner or cover.

b) While a waste pile is in operation, it must be inspected weekly and after storms to detect evidence of any of the following:

1) Deterioration, malfunctions, or improper operation of run-on and run-off control systems;

2) Proper functioning of wind dispersal control systems, where present; or

3) The presence of leachate in and proper functioning of leachate collection and removal systems, where present.

c) An owner or operator required to have a LDS under Section 724.351(c) must record the amount of liquids removed from each LDS sump at least once each week during the active life and closure period.

(Source: Amended at 27 Ill. Reg. 3725, effective February 14, 2003)