**Section 616.445 Inspection Requirements**

a) During construction and installation, liners must be inspected for uniformity, damage, and imperfections (e.g., holes, cracks, thin spots, or foreign materials). Immediately after construction or installation:

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 that liner or cover.

b) During operation, a surface impoundment must be inspected weekly and after storms to detect evidence of any of the following:

1) Deterioration, malfunctions, or improper operation of overtopping control systems;

2) Sudden drops in the level of the impoundment's contents;

3) Severe erosion or other signs of deterioration in dikes or other containment devices; or

4) A leaking dike.

(Source: Amended at 47 Ill. Reg. 7631, effective May 16, 2023)