

### **3.2.3    Subpart K - Surface Impoundments**

Subpart K establishes requirements for surface impoundments. Ponds used for underwater detonation may resemble surface impoundments. However, such ponds would not be designed in precisely the same manner as surface impoundments because they will be subject to extreme stresses resulting from repeated detonation of explosives. Those activities would destroy synthetic (or other types of) liners and leachate collection systems that usually are installed immediately beneath a surface impoundment. However, the necessity for monitoring of the ground water beneath the unit should be evaluated. The surface impoundment should be inspected weekly for evidence of any sudden drops in the level of the impoundment's contents and signs of deterioration in dikes or other containment devices (40 CFR §264.226(b)). The surface impoundment should be designed, constructed, and monitored, in such a way as to prevent overtopping and to prevent failure of any dikes (40 CFR §264.221(g) and (h)).