

4.4.1 Volume and Physical and Chemical Characteristics of the Waste

The volume and physical and chemical characteristics of wastes have a direct bearing on the potential that contaminants will reach ground water or contaminate the subsurface environment.

Information about those factors is crucial to the permit writer to support a determination of the potential to release. When reviewing applications, the permit writer should determine whether any of those factors in the wastes managed at the unit could enhance the possibility of release and if so what types of management alternatives or engineering controls can be put in place to minimize any release. Presented below is a brief discussion of the manner in which those factors may be considered in the review of applications for OB/OD units.