

Consolidation in Bulk Transport Containers (tankers)

Procedures outlined in the Waste Compatibility Test Manual of the Waste Analysis Plan are followed for consolidation.

Consolidation of Lab pack Containers

Procedures outlined in the Waste Compatibility Test Manual of the Waste Analysis Plan are followed for consolidation.

Drum Consolidation of Non-Labpack Wastes

Procedures outlined in the Waste Compatibility Test Manual of the Waste Analysis Plan are followed for consolidation.

Consolidation of Alkaline liquids

Procedures outlined in the Waste Compatibility Test Manual of the Waste Analysis Plan are followed for consolidation.

Consolidation of Non-Corrosives

Procedures outlined in the Waste Compatibility Test Manual of the Waste Analysis Plan are followed for consolidation.

Stabilization

Stabilization refers to treating wastes containing metals (D004-D008, D010-D011) to render them non-hazardous. An example would be lead contaminated sand blast grit and lead contaminated media from gun ranges.

The stabilization operation will be performed in a 20 or 30 yard roll-off container located in the Waste Stabilization and Consolidation Area. The roll-off container will be lined. Waste and stabilization media will be mixed thoroughly by using mechanical equipment. Drums will be consolidated into the roll-off while the stabilization media is continuously added to ensure proper mixing. For waste that arrives in roll-off containers, proper mixing is ensured by the use of mechanical equipment mixing the waste and stabilizing agent in proper ratios. Stabilization materials will consist of a mixture of pozzolanic products as needed. Possible examples include: Portland cement or other material approved by the department. All additives will be contained in a dry and secure portion of the warehouse. Equipment used for stabilization will be decontaminated after each batch. Decontamination involves physically removing contaminants and cleaning the equipment with soap and water. Consolidation of similar wastes may occur prior to stabilization; examples would be soils and sludge's. During the consolidation process, a compatibility test would be completed, as described previously. The sampling of stabilized material is discussed in the Waste Analysis Plan.