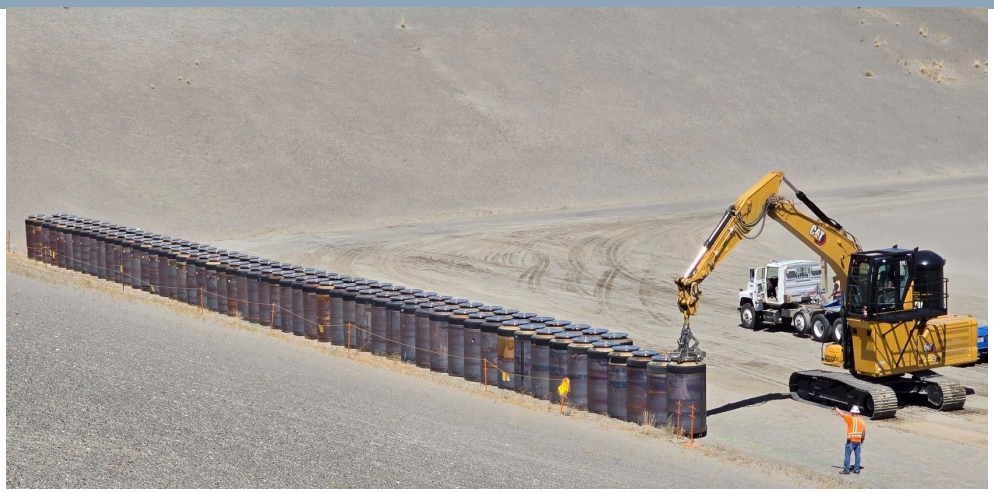
CPCCo
Central Plateau Cleanup Company

Integrated Disposal Facility

September 2026



CPCCo manages the Integrated Disposal Facility, which allows for safe and compliant disposal of vitrified (immobilized in glass) low-activity waste and mixed low-level waste from Hanford Site cleanup operations.

Background

The Integrated Disposal Facility (IDF) is a federal *Resource Conservation and Recovery Act* facility that accepts low-level radioactive, chemical and mixed wastes. It is in the central part of the Hanford Site. The facility is an engineered landfill consisting of two large, double-lined disposal cells with a drainage system that collects potentially contaminated water from rain and dust-suppression activities, which has come in contact with the waste.

The facility is approximately 1,500 feet wide, 765 feet long and 45 feet deep, and was designed to be expanded as needed. Waste is treated or stabilized before disposal at the facility. Construction was completed in late 2023 and operations began in fall 2025 to align with the start of operations at Hanford's Waste Treatment and Immobilization Plant (WTP). The first container of vitrified waste was placed in the IDF disposal cell in April 2026. By October, a year after WTP began operations, about 150 containers of vitrified waste were in the cell.

Mission

The primary mission of IDF is to support 24/7 operations of Hanford's Direct-Feed Low-Activity Waste Program. The program will treat millions of gallons of low-activity radioactive and chemical waste from Hanford's underground tanks using vitrification (immobilization in glass) for safe disposal and treat secondary waste from the Waste Treatment and Immobilization Plant. IDF will receive more than 200,000 containers of vitrified waste for disposal over its operational life. It can be viewed using the self-guided Hanford Virtual Tour.

The Integrated Disposal Facility is about 1,500 feet wide, 765 feet long and 45 feet deep.

The Integrated Disposal Facility includes two 400,000-gallon tanks to collect and treat water from rain and dust-suppression activities.

Containers of vitrified low-activity waste are staged on a concrete storage pad at the Integrated Disposal Facility awaiting placement in the disposal cell.