CPCCo Central Plateau Cleanup Company

Environmental Restoration Disposal Facility

September 2026

CPCCo is safely operating the Environmental Restoration Disposal Facility at the Hanford Site.

Background

The Environmental Restoration Disposal Facility (ERDF) is a large engineered landfill located in the center of the Hanford Site. The facility is used for the disposal of low-level radioactive, chemical and mixed wastes generated from demolition, remediation and other cleanup activities across the Site. The facility began operating in 1996 and is regulated by the U.S. Environmental Protection Agency. The facility contains 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 covers an area of approximately 107 acres and its size provides great flexibility in disposing of different wastes, ranging from soils to contaminated equipment.

The landfill is designed to be expanded as needed. Overall waste capacity is currently about 21 million tons, distributed across 10 large cells. Construction of the facility's 11th disposal cell began in 2025 and is expected to be completed in 2026. The new cell will add about 2.8 million cubic yards of disposal capacity to support Hanford's ongoing cleanup mission. To date, more than 19 million tons of waste have been disposed of at the facility.

Mission

ERDF provides compliant disposal of waste generated from Hanford Site cleanup. It currently supports disposal of waste generated from Hanford's Tank Farms and 100 K Area facility deactivation, demolition and waste site remediation, among other projects. The facility can be viewed using the self-guided Hanford Virtual Tour.

Super Cell 11 is expected to be operational by December 2026. The new cell will add about 2.8 million cubic yards of disposal capacity.

Rolling containers are used to offload bulk waste into the facility's disposal cells.

Workers use a crane to place a large item into a Super Cell for disposal.