

River Corridor Closure Project

October 2010

Environmental Restoration Disposal Facility Truck and pups help meet increasing disposal demands

Washington Closure Hanford and its subcontractors continuously strive to improve safety and efficiency while managing the Environmental Restoration Disposal Facility (ERDF) for the U.S. Department of Energy.

Since beginning disposal operations in July 1996, ERDF has employed 25-ton capacity roll-on/roll-off waste containers to transport chemically and/or radioactively contaminated soil and debris from past nuclear production activities.

However, while remediating waste sites throughout the 586-square-mile Hanford Site, Washington determined that it needed an efficient and cost-effective alternative to complement the roll-on/roll-off waste containers.

To meet this challenge, Washington Closure teamed with Phoenix Enterprises NW to provide heavy dump truck-and-dump-trailer combinations, or truck and pups, for transporting cleanup materials from waste sites located near the Columbia River.

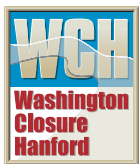


Washington Closure Hanford began using truck and pups in July 2009 to transport non-regulated, non-radiological waste to ERDF. The operation has helped the Waste Operations team to safely and efficiently meet disposal demands.



U.S. Department of Energy

Protecting the Columbia River



Environmental Restoration Disposal Facility

Truck and pups help meet increasing disposal demands

On a daily basis, 25 truck and pups haul non-regulated, non-radiological waste (soil and construction debris) in compliance with the U.S. Department of Transportation. Each of the truck and pups is equipped with heavy duty tarp system to prevent the spread of dust during transportation. The truck and pups do not require liners, radiological readings or dump ramps, which speeds up the disposal process.



Truck and pups regularly transport about 120 loads per day.



The fleet of 25 truck and pups are stored at ERDF's recently upgraded transportation yard.

The truck-and-pup operation began in July 2009, transporting waste from D and H areas to ERDF. As cleanup work progressed, Washington Closure began using truck and pups to transport wastes from other sites, including several IU 2& 6 and 300 Area sites. The truck and pups typically transport about 2,500 tons of waste per day. Through September 2010, they have transported more than 580,000 tons of waste.

The truck-and-pup operation has helped ERDF personnel to safely handle increased waste volumes generated by Washington Closure and other Hanford contractors. To date, truck-and-pup drivers have logged more than more than 600,000 miles without an at-fault accident.



Truck and pup drivers have logged more than 600,000 miles without an at-fault accident.



A truck and pup can hold 30 tons of material, about one-third more than a roll-on/roll-off waste container.

