

200-UP-1: Groundwater Performance



Overview

Between 1994 and 2005, DOE operated a pump-and-treat system in the 200-UP-1 Operable Unit (southern 200-West Area). The system removed uranium and technetium-99 from the most concentrated portion of the contaminant plumes.

DOE monitored concentrations in 2005 and 2006 to see if they would increase after the pumps were shut off.

Limitations

The size of the plume at levels below the cleanup goal is uncertain.

Conclusions

The pump-and-treat system removed 113 grams (4 ounces) of technetium-99 and 212 kilograms (467 pounds) of uranium.

Technetium-99 and uranium concentrations declined below cleanup goals, and remained below those goals after pumps were shut off.

