

200-BP-5: Groundwater Performance



Overview

Groundwater in the 200-BP-5 operable unit (northern 200-East Area) is contaminated with technetium-99, uranium, iodine-129, tritium, nitrate, and several other chemicals and radionuclides.

There currently is no active groundwater remediation in this unit.

Limitations

The water table is flat in this region, so the direction of groundwater flow is not known with certainty.

Multiple sources of contamination, including waste cribs and underground tanks, are located near each other, making it difficult to pin down the source of contamination.

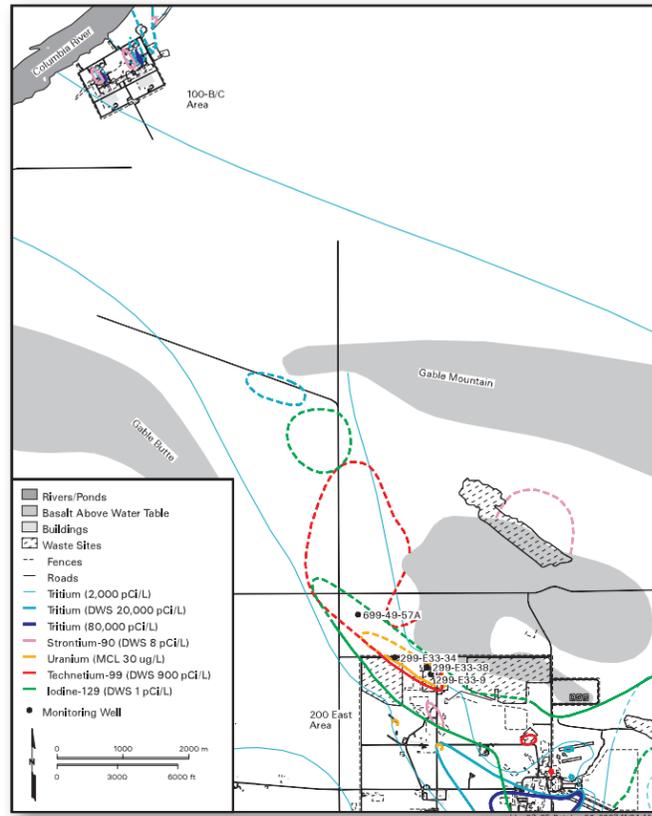
Conclusions

Technetium-99 and uranium concentrations have increased in recent years in some wells near waste sites.

A uranium plume has increased in size in the past 10 years.

DOE is implementing an aggressive characterization program to answer remaining questions about groundwater.

Radionuclides FY-2006



Hazardous Chemicals FY-2006

