

100-FR-3 Groundwater Operable Unit



Overview

Levels of contamination in 100-F Area groundwater are not high enough to warrant interim remedial actions like pump-and-treat systems. However, concentrations of chromium, nitrate, strontium-90, and trichloroethene remain above regulatory standards in some wells. Nitrate forms the largest of these plumes.

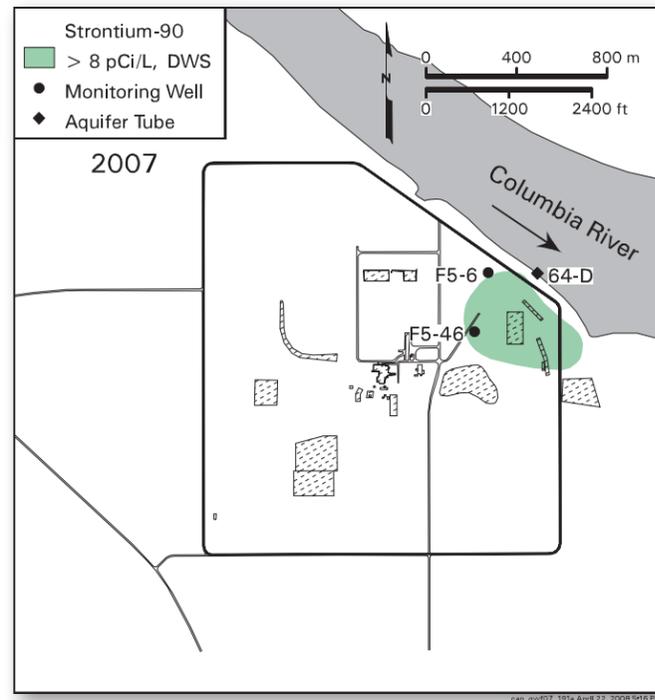
Limitations

There are relatively few monitoring wells in the 100-F Area, so the shapes and sizes of contaminant plumes are uncertain.

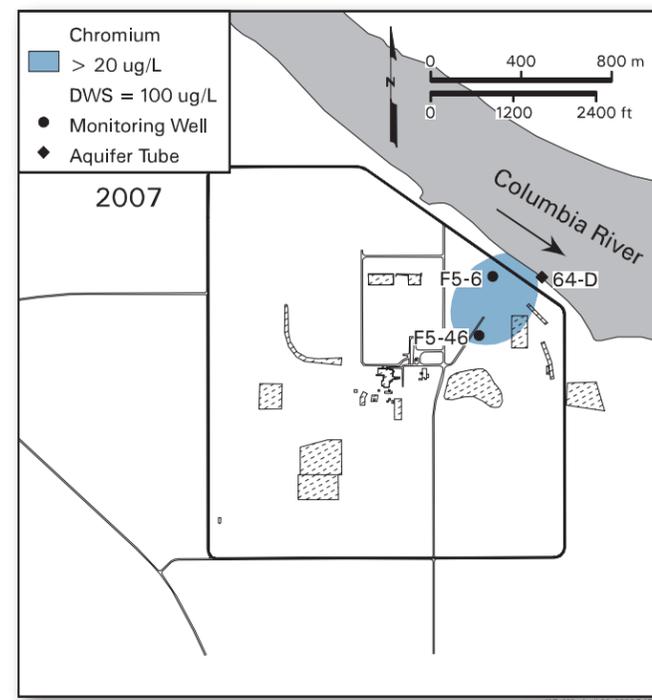
Conclusions

Contaminant concentrations are steady or decreasing in most wells.

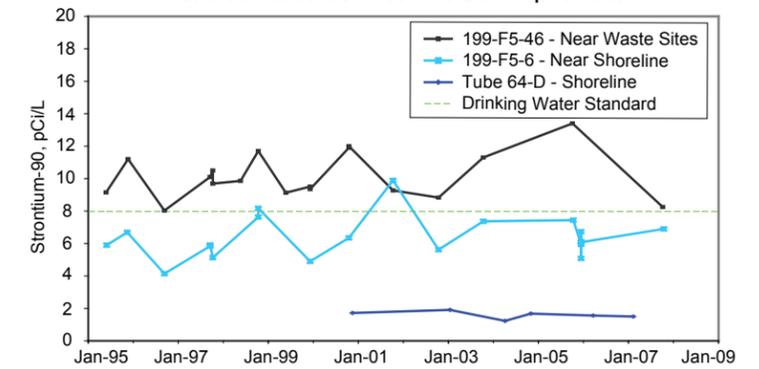
Strontium-90 2007



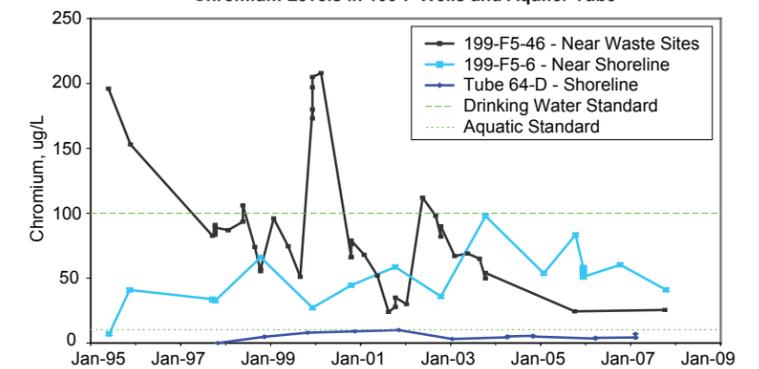
Chromium 2007



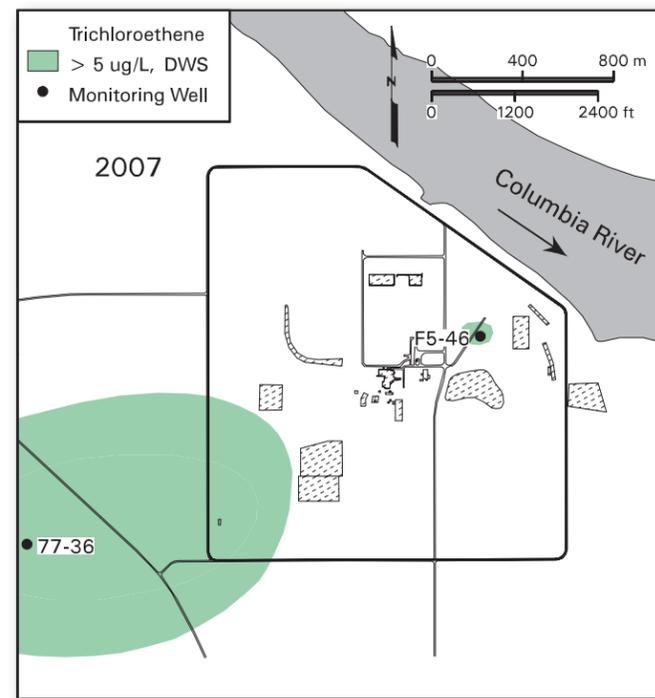
Strontium-90 Levels in 100-F Wells and Aquifer Tube



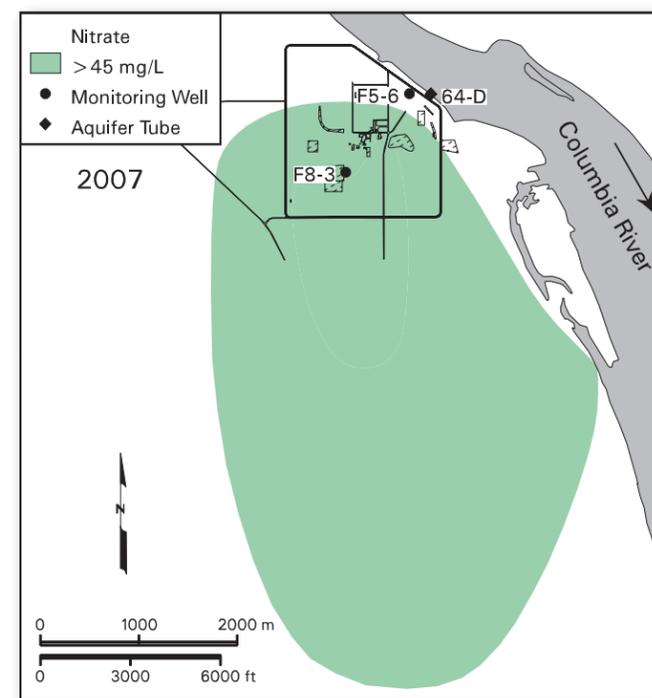
Chromium Levels in 100-F Wells and Aquifer Tube



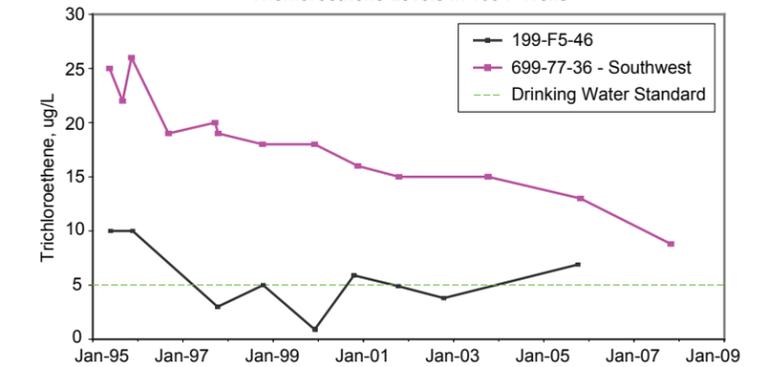
Trichloroethene 2007



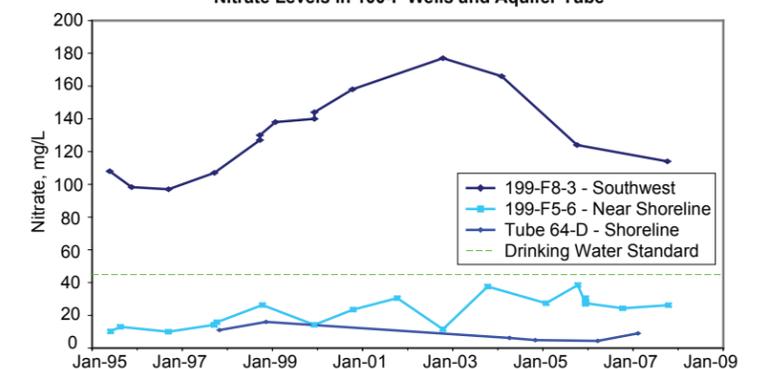
Nitrate 2007



Trichloroethene Levels in 100-F Wells



Nitrate Levels in 100-F Wells and Aquifer Tube



5/21/08

Fluor Hanford

