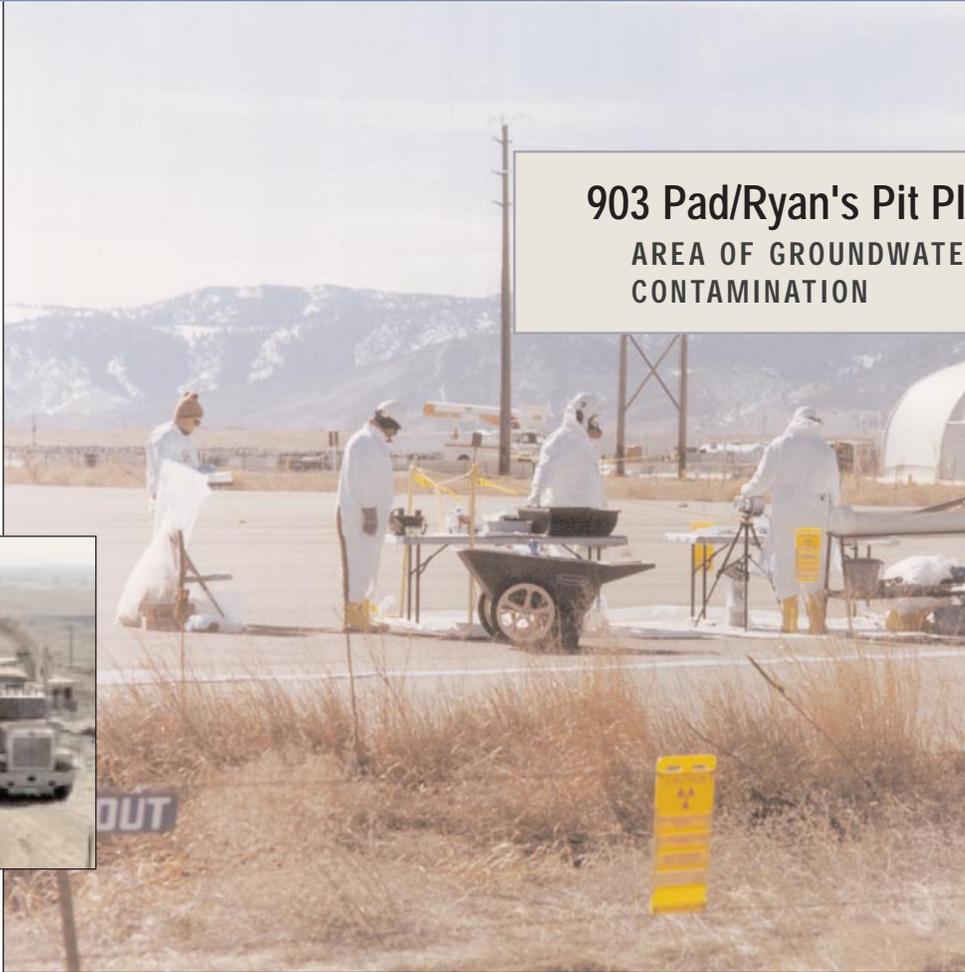


903 Pad/Ryan's Pit Plume AREA OF GROUNDWATER CONTAMINATION



Project Description:

The 903 Pad/Ryan's Pit Plume is an area of shallow groundwater contamination. Sources were the 903 Pad, which was used for above-ground storage of drums containing plutonium contaminated cutting oils; and Ryan's Pit, a disposal trench open from 1966 to 1970. Characterization of this plume was completed in 1998 and demonstrated that contaminated groundwater was not reaching surface water. Monitoring will be performed to verify that natural attenuation, or a gradual shrinking of the plume, is occurring, and that the contaminated groundwater is not impacting surface water.

Project Scope:

- Installation of a monitoring system to verify that natural attenuation is taking place

Cleanup Method:

- Natural attenuation of the contaminants in groundwater

Contaminants of Concern:

- Tetrachloroethene
- Trichloroethene

History:

- The 903 Pad was used in the 1950s and 1960s for storage, on bare ground, of more than 4,000 drums of plutonium-contaminated solvents and oils
- 903 Pad drums were removed in 1967 and 1968, and an asphalt pad was installed in 1969 to control the spread of contamination
- Ryan's Pit used for waste disposal from 1966 to 1970
- Ryan's Pit remediated in 1995

Schedule:

Start: Spring 1999

Finish: September 1999



U.S. Department of Energy

Make It Safe. Clean It Up. Close It Down.



For further information about Rocky Flats

*Contact DOE Communication at (303) 966-5993, or Kaiser-Hill Communication at (303) 966-2882, or toll free at (800) 269-0157
(press *82882# when you hear the automated attendant)*

Also, additional information about Rocky Flats is available on the internet at: <http://www.rfets.gov>

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