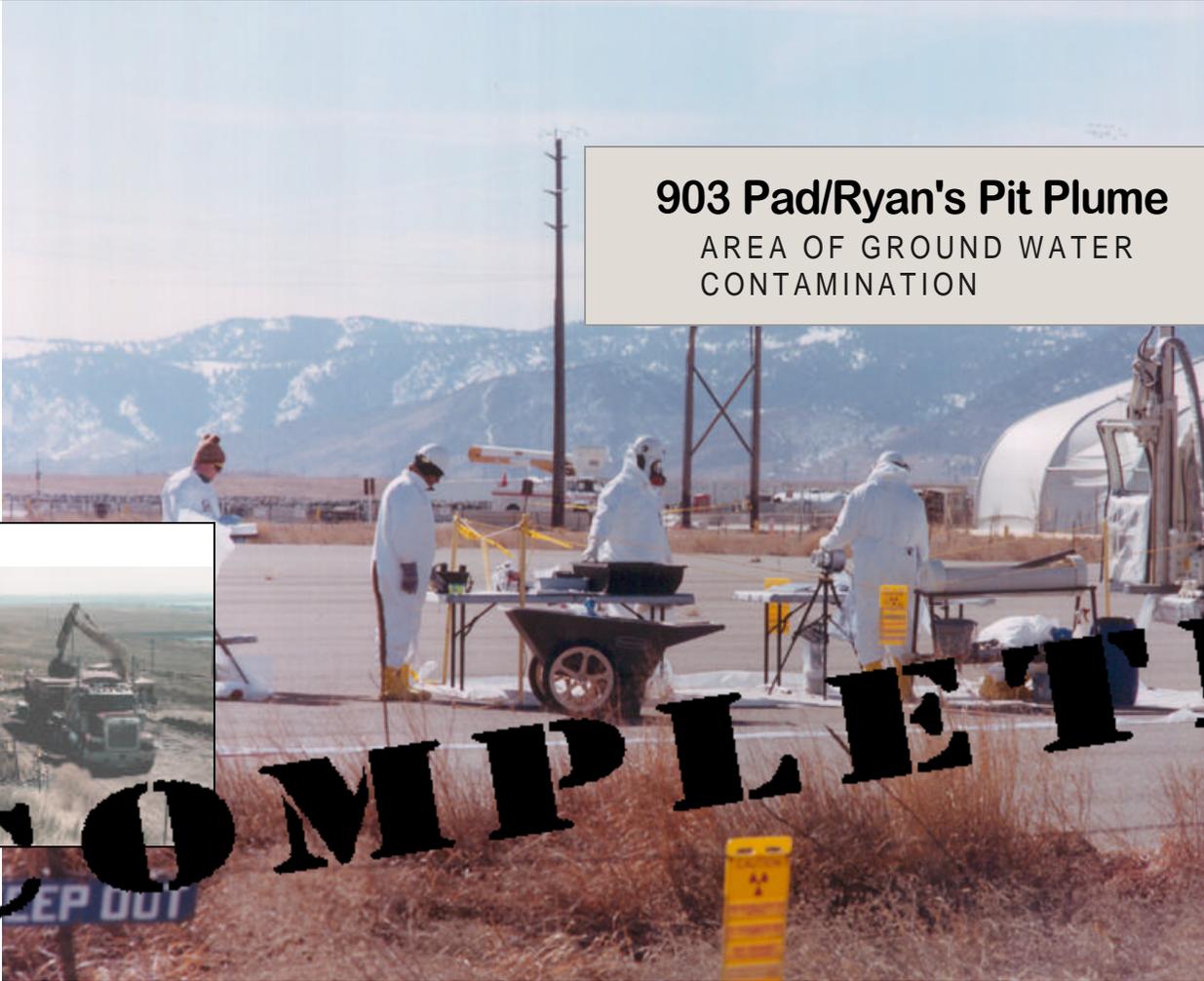


**903 Pad/Ryan's Pit Plume**AREA OF GROUND WATER  
CONTAMINATION**Project Description**

The 903 Pad/Ryan's Pit Plume is an area of shallow ground water 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 ground water 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 ground water is not impacting surface water.

**Project Scope**

- Monitoring of a ground water plume

**Cleanup Method**

- Natural attenuation of the contaminants in ground water

**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**

Started in spring of 1999, installation of a monitoring system for verifying natural attenuation was completed in late 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) 966-6088, 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.rf.doe.gov>*