

NPL Partial Site Deletion Narrative

Mound Plant (USDOE) Miamisburg, Ohio

On December 2, 2002, the EPA deleted Parcel 4 of the Mound Plant (US DOE) site from the National Priorities List (NPL).

The Mound Plant (US DOE) site is located in Miamisburg, Ohio, approximately 10 miles south of Dayton and 45 miles north of Cincinnati. Mostly owned by the U.S. Department of Energy (DOE), the 306-acre site began the manufacture of triggering devices for nuclear weapons in 1948. Past disposal practices and contaminated releases to the environment qualified the Mound Site to be listed on the NPL on November 21, 1989. In 1995, the DOE, EPA and Ohio Environmental Protection Agency (OEPA) decided to evaluate and remediate each Potential Release Site (PRS) or building at the site separately.

Following a removal action for Parcel 4 of the Mound Site, a residual risk evaluation was conducted by DOE in February 2001. The residual risk evaluation was conducted to ensure that future users of the land would not be exposed to unacceptable contaminant levels that exist after completion of the removal action. The residual risk assessment determined that limiting Parcel 4 to industrial/commercial uses was protective of human health and the environment.

On March 8, 2001, a Record of Decision was signed for Parcel 4. The selected remedy included institutional controls in the form of deed restrictions on future land and groundwater use. DOE, or its successors, as the lead agency for this ROD, has the responsibility to monitor, maintain and enforce these institutional controls. The institutional controls ensure:

Because the remedy for Parcel 4 does not allow unlimited use of and unrestricted exposure to the property, DOE is required by Section 121(c) of CERCLA to review the remedy to assure that it continues to protect human health and the environment. CERCLA requires a review at least once every five years after the initiation of remedial action, however, at the Mound Site DOE has committed itself to conduct reviews annually. DOE will also consult with EPA and the ODH on these reviews.

The EPA, with concurrence of the State of Ohio, has determined that the DOE has implemented all appropriate response actions required, and that no further CERCLA response is appropriate to provide protection of human health and the environment. Therefore, EPA is deleting Parcel 4 of the Site from the NPL.