

NATIONAL PRIORITIES LIST (NPL)

Final Site

March 2008

HIDDEN LANE LANDFILL | Sterling, Virginia Loudoun County

Site Location:

The Hidden Lane Landfill is located in a mixed residential and commercial area of Sterling, Loudoun County, Virginia, approximately ¾ mile north of Route 7.

Site History:

From 1971 through 1984, a landfill was operated at this location. The landfill accepted solid municipal waste and construction debris. The 25 acre landfill was covered with a clay cap and is currently vacant land.

Site Contamination/Contaminants:

The contaminants are volatile organic compounds, including trichloroethene (TCE), 1,1,1-trichloroethane and 1,2-dichloroethene. Concentrations of TCE detected in nine drinking water wells located near the landfill were above EPA's Safe Drinking Water Act maximum contaminant level for TCE in drinking water.

Potential Impacts on Surrounding Community/Environment:

Ground water underlying the Hidden Lane Landfill and adjacent properties is contaminated with TCE. TCE migrated from the landfill to residential wells located within 1 mile of the landfill. There is the potential for TCE to vaporize and enter homes located within the area of the TCE-contaminated ground water.

Response Activities (to date):

The Virginia Department of Environmental Quality has installed treatment systems on 22 residential wells, currently known to be contaminated with TCE. The Loudoun County Department of Health is strongly advising other residents located in the vicinity to install whole-house water treatment systems.

Need for NPL Listing:

The State of Virginia referred the site to EPA, because the state could no longer maintain or provide additional whole-house treatment systems to area residents. Other federal and state cleanup programs were evaluated, but are not viable at this time, because they could not address the residential drinking water wells contaminated by TCE and the TCE contaminated ground water plume. EPA received letters of support for placing this site on the NPL from the state, Broad Run Farms Civic Association, and citizens of Sterling, Virginia.

[The description of the site (release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination.]

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1-888-42-ATSDR or 1-888-422-8737.