

Haviland Complex

New York

EPA ID#: NYD980785661

EPA REGION 2 Congressional District(s): 20

Dutchess
Town of Hyde Park

NPL LISTING HISTORY
Proposed Date: 10/1/1984
Final Date: 6/1/1986

Site Description

The 275-acre Haviland Complex site consists of a planned development that contains an apartment complex, a middle school, an elementary school, a shopping center, and a number of private homes. In 1981, a local resident became concerned because his well water was foaming. The Dutchess County Health Department found that the septic and sewage systems of a nearby car wash and laundromat had failed, contaminating the groundwater with volatile organic compounds (VOCs). In 1982, the laundromat installed a sand filter and a new tile field to handle the laundry effluent. The State also began an investigation and, in 1983, ordered the laundromat to disconnect the dry cleaning unit from the septic system and to dispose of all spent cleaning fluids off site at a licensed disposal facility. All residents in the area were advised to use bottled water. The wells servicing the Haviland Apartments and the laundromat had water treatment units installed in 1984 and 1985 to remove contaminants. Hyde Park has an estimated population of 21,000 people. Approximately 20% of the population are connected to a public sewer system, and over 50% are served by public or supply systems. The remaining population, including the residences located on the site, obtain water from residential wells. Groundwater discharges into Fall Kill Creek and to a nearby wetland.

Site Responsibility: This site is being addressed through Federal and State actions.

Threat and Contaminants

Groundwater contaminated with low levels of various VOCs has impacted seven residential wells. Originally, the affected residents had household activated carbon treatment systems installed. Following EPA's 1997 Record of Decision, Dutchess County Department of Health installed a public water system into the site area. New York State Department of Environmental Conservation connected the affected homes to the public water system. EPA continues to monitor the groundwater in the site area.

Cleanup Approach

This site has been addressed in two stages: immediate actions and a long-term remedial phase for the entire site.

Response Action Status

Immediate Actions: The State originally installed carbon adsorption units in seven homes in the affected area. Once the Dutchess County Department of Health installed a public water supply into the site area, the State connected the affected homes into this new system and the carbon filters were removed.

Entire Site: In 1987, the EPA selected a remedy to provide an alternate water supply, remediate the source of contamination, and to extract and treat contaminated groundwater; this remedy selection was documented in a Record of Decision (ROD). In 1990, the EPA cleaned out contaminated materials from the local septic disposal systems as the source control measure. EPA had been working with the Town of Hyde Park to arrive at a suitable plan for providing alternate water to the affected residents. However, the levels of contaminants in the aquifer, and therefore the affected residential wells, decreased to levels that are near or below state and federal drinking water standards (i.e., Maximum Contaminant Levels (MCLs)) and the existing point-of-use treatment systems provide full protection from exposure to the remaining contamination. All Site-related contamination was expected to be below MCLs within the next five years. As a result, EPA evaluated the data and presented a plan to the community in September 1996 which proposed that the groundwater treatment and alternate water supply portions of the remedy were no longer warranted to protect human health and the environment. The ROD was amended in August 1997 to reflect this proposal. EPA continues to monitor the groundwater to ensure that the amended remedy is protective. EPA installed additional monitoring wells in February

1999 and is conducting the ongoing monitoring plan. The Dutchess County Department of Health has installed a public water system into the area as part of a County-wide plan. The NYS Department of Environmental Conservation connected the affected homes to this system in Summer 2000.

Cleanup Progress

The groundwater in the site area continues to be monitored by EPA and it is presently observed to be near MCLs. The last round of groundwater sampling was conducted in November 2010 which showed that the contamination in one monitoring well remains slightly above drinking water standards. A Five-Year Review was performed during the summer of 2007 and the report was issued to the public in September 2007. Responsibilities for conducting site monitoring are being transferred to New York State Department of Environmental Conservation.

Site Repositories

Hyde Park Town Hall; Hyde Park, NY, 12538