

# Sidney Landfill Site

## New York

EPA ID#: NYD980507677

### EPA REGION 2

Congressional District(s): 23

Delaware

Sidney

#### NPL LISTING HISTORY

Proposed Date: 6/24/1988

Final Date: 3/30/1989

## Site Description

The 74-acre Sidney Landfill site, situated in hilly terrain on the eastern side of Richardson Hill Road, is located approximately 2.5 miles southeast of Sidney Center and 3.5 miles northeast of Trout Creek. The site is situated on a drainage divide, located in a sparsely populated area and consists of a mixture of disturbed land, shrub land, and upland forest and zoned residential-agricultural. The landfill consists of approximately 20 acres, which had accepted municipal and commercial waste including waste oils from 1964 until 1972. A wetland area is immediately down slope from the site and adjacent to another National Priorities List site named the Richardson Hill Road Landfill site. Approximately 50 property owners reside within a one-mile radius of the site. All residences within the immediate vicinity of the site get their water from private wells or springs.

Site Responsibility: This site is being addressed through federal and potentially responsible parties' actions.

## Threat and Contaminants

The ground water contains volatile organic compounds (VOCs), including solvents and polychlorinated biphenyls (PCBs). Solvents and PCBs are present in on-site soils. Direct contact with contaminated soil and with contaminated ground water may pose a threat. Human exposures and contaminated groundwater releases are under control.

## Cleanup Approach

The site is being addressed in two stages: immediate actions and a long-term remedial phase focusing on the cleanup of the entire site.

### Response Action Status

Immediate Actions: Approximately eighty warning signs were posted along the perimeter of the landfill and the site was fenced by EPA.

Entire Site: EPA initiated a remedial investigation and feasibility study (RI/FS) in 1990 to determine the nature and extent of the contamination problem at the site and to evaluate remedial alternatives. Following the completion of the RI/FS, a Record of Decision was signed on September 28, 1995, selecting a final remedy for the site. The selected remedy calls for the construction of four independent closure caps over several disposal areas and extracting and treating contaminated ground water located in a ground water hot spot. The design of the caps was completed in September 1998 and the construction was completed in November 1999.

Based on the results of ground water testing and sampling, EPA determined that a ground water extraction and treatment system already operating at the nearby Richardson Hill Road Landfill Superfund site was capturing contaminated ground water from the Sidney Landfill site, alleviating the need for a separate system at the Sidney Landfill site. This finding was documented in a September 2004 Explanation of Significant Differences.

Site maintenance and monitoring is performed on a quarterly basis.

Since hazardous substances remain at this site, pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act, Section 121(c), EPA must conduct five-year reviews. The first five-year review was completed in June 2004. The next five-year review will be performed before June 2009.

Site Facts: EPA sent 53 information request letters and followed up with 15 letters notifying potentially responsible

parties (PRPs) of their liability and requesting them to initiate an RI/FS. No good faith offers were received and the investigation of the site was financed by the Superfund. In August 1996, the PRPs (Amphenol and Honeywell) agreed to design and construct the remedy selected by EPA pursuant to a Unilateral Administrative Order issued by EPA.

In 2001, EPA received over \$5 million from the PRPs as a result of a federal court decision against 2 PRPs as partial reimbursement for EPA's site-related investigation, oversight, and enforcement costs.

The Richardson Hill Road Landfill site, also listed on the National Priorities List, is located directly across the street from the Sidney Landfill site.

## **Cleanup Progress**

After listing the site on the NPL, EPA conducted a preliminary evaluation of the conditions at the site and determined that no immediate actions were required to make the site safer while investigations leading to the implementation of a remedy were taking place.

The design of the caps was completed in September 1998 and the construction was completed in November 1999. Site ground water monitoring well and gas vent monitoring and landfill cap monitoring and maintenance are being performed quarterly.

## **Site Repositories**

Sidney Memorial Public Library, 8 River St., Sidney, New York 13838

EPA Region 2 Superfund Records Center, 290 Broadway, 18th Floor, New York, NY 10007-1866