EPA PUBLIC NOTICE

U.S. Environmental Protection Agency Reviews Cleanup at Syosset Landfill Superfund Site

The U.S. Environmental Protection Agency is conducting its **sixth** five-year review of the **Syosset Landfill Superfund Site** located in Nassau County, New York. This review seeks to confirm that the cleanup approaches for the landfill and groundwater remain protective of people's health and the environment.

EPA's 1990 cleanup approach for the site included closing the landfill under New York State requirements; regulating the solid waste management facilities, which included constructing a cap on the top surface of the landfill; operating and maintaining the landfill cap that includes routine inspections and repair; monitoring the air and groundwater quality; monitoring and maintaining the passive gas venting system, including routine inspection and repairs; establishing institutional controls on the landfill property to restrict future use of the landfill; installing an additional passive gas venting system; and maintaining the existing boundary fence around the perimeter of the landfill property to continue to restrict access to the landfill. In addition, the 1990 cleanup plan specified that an additional investigation is needed into the potential off-site impacts of the landfill. This investigation helped EPA determine the nature and extent of the migration of contaminants from the landfill property into nearby groundwater. EPA, in consultation with the State of New York, determined that because groundwater contamination was limited and did not pose a significant threat to human health or the environment, further remediation was not necessary. The 1990 cleanup plan required the development and implementation of an environmental monitoring program at the site. The environmental monitoring program includes sampling for both on- and off-site groundwater, ambient air, and landfill gas. After the investigation, EPA issued a cleanup plan in 1996 that called for "no further action" related to the migration into the groundwater.

EPA will include a summary of these activities and evaluation of the long-term protectiveness of the cleanup approach in the upcoming five-year review report. The report will be available in **November 2026**.

What is an EPA Five-Year Review?

EPA inspects Superfund sites every five years to ensure that cleanups conducted remain fully protective of people's health and the environment. These regular reviews, which are required by federal law when contaminants remain at a site, include:

- Inspecting the site and cleanup technologies;
- Reviewing monitoring data, operating data, and maintenance records; and
- Determining if any new regulatory requirements have been established since EPA's original cleanup decision was finalized.

For more information:

The Administrative Record, which includes EPA documents used for selecting the cleanup plan, is available for public review online at the site webpage and at:

EPA Region 2, Superfund Records Center
290 Broadway, 18th Floor
New York, NY 10007-1866
Phone: (212) 637-4308 (Call for an appointment)

Syosset Public Library
225 South Oyster Bay Road
Syosset, New York

You may also contact:

If you have any concerns or information about a change in current site conditions, please contact:

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www.epa.gov/superfund/syosset-landfill