



<h1>FACT SHEET</h1>	<h2>State Superfund Program</h2>
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Receive Site Fact Sheets by *Email*. See "For More Information" to Learn How.

Site Name: DuPont-Stauffer Landfill
DEC Site #: 336009
Address: 700 South Street and 121 Pierces Road
 Newburgh, NY 12550

Have questions?
See
"Who to Contact"
Below

NYSDEC Announces Reclassification of Site on Superfund Registry; Certifies Cleanup Requirements Achieved at State Superfund Site

The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup requirements to address contamination related to the DuPont-Stauffer Landfill site ("site") located at 700 South Street and 121 Pierces Road, Newburgh, Orange County under New York's State Superfund Program have been or will be met. Please see the map for the site location.

NYSDEC has approved a Final Engineering Report and issued a Certificate of Completion regarding the site. A copy of the report and Notice of the Certificate of Completion are available at the location(s) identified below under "Where to Find Information."

The cleanup activities were performed by Stauffer Management Company, LLC and E.I. DuPont deNemours and Company with oversight provided by NYSDEC.

Completion of Project

Following site cleanup, NYSDEC reclassified the site from Class 2 (significant threat to public health or environment - action required) to Class 4 (site properly closed – requires continued management) for the following reason(s):

The final remedy for this site included:

- Excavation and off-site treatment/disposal of all waste from the North and South Landfill areas where heavy metals and volatile organic compounds (VOCs) exceeded characteristic hazardous waste regulatory levels. This material was disposed at a permitted off-site hazardous waste disposal facility;
- Excavation of all remaining non-hazardous waste from the South Landfill and portions of the North Landfill. The waste from these areas was consolidated to the northern portion of the North Landfill area.
- Capping of the North Landfill consolidation area with an engineered cap designed to meet the requirements of 6 NYCRR Part 360 solid waste regulations for landfills and caps;
- Covering of all excavated areas where surface soils exceed applicable standards with one foot of soil;
- Placement of an environmental easement on the property to address contamination above unrestricted levels remaining at the site;
- Development and implementation of a site management plan.

Final Engineering Report Approved

The NYSDEC has approved the Final Engineering Report, which:

- 1) Describes the cleanup activities completed.
- 2) Certifies that cleanup requirements have been or will be achieved for the site.
- 3) Describes any institutional/engineering controls to be used.
- 4) Certifies that a site management plan for any engineering controls used at the site has been approved by NYSDEC.

Institutional and Engineering Controls

Institutional controls and engineering controls generally are designed to reduce or eliminate exposure to contaminants of concern. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when contamination left over after the cleanup action makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.

The following institutional controls have been or will be put in place on the site:

- Site Security
- Consent Order/Decree
- Soil Management Plan
- Building Use Restriction
- Surface Water Use Restriction
- Local Groundwater Restriction
- Site Management Plan
- Environmental Easement
- Institutional Control/Engineering Control Plan
- Groundwater Use Restriction

The following engineering controls have been or will be put in place on the site:

- Cover System
- Fencing/Access Control

Next Steps

With its receipt of a Certificate of Completion, the remedial party is eligible to redevelop the site. In addition, the remedial party has no liability to the State for contamination at or coming from the site, subject to certain conditions.

A Certificate of Completion may be modified or revoked if, for example, there is a failure to comply with the terms of the order or agreement with NYSDEC.

Background

Location: The DuPont-Stauffer Landfill Site is located on South Street and Old Pierces Road in the City of Newburgh, Orange County. The site is about 1/4 mile east of the intersection of State Rte. 52 and I-84 (Exit 8 on I-84).

Site Features: The former industrial area is bordered on the east by the former Newburgh City Landfill, Gidneytown Creek to the west, Interstate I-84 to the north, and South Street to the south. The site is relatively flat, wooded, vacant and fenced. The total area of the site is 49.05 acres of which the area of waste disposal was dispersed in discrete areas. Site surface water drains south and west to Gidneytown Creek which borders the site on the west.

Current Zoning: Mix of Commercial, Industrial and residential properties and light industrial facilities are present on Pierces Road and South Street.

Past Use: DuPont purchased the manufacturing facility from the Fabrikoid Company of Newburgh in 1911. The main manufacturing areas were located south of the site on South Street with waste management and disposal occurring on the site. DuPont used nitrocellulose to coat fabrics from the late 1950s to the early 1960s when vinyl replaced nitrocellulose as the coating agent. Coated fabric was primarily used in manufacturing of automobile car seats and interiors. Stauffer Chemical purchased the site from DuPont in 1967. Stauffer continued production of coated fabrics and also produced PVC sheeting until January 1979, when operations at the plant were shut down.

Operable Units: There is one operable Unit at this site.

Site Geology and Hydrogeology: The site Geology consists of tills, sands and gravel in the overburden approx. 15 to 25 feet in depth with underlying dolomite bedrock. The groundwater flow at the site appears to be influenced by the bedrock topography in the area. The groundwater seems to be fluctuating and mainly in the overburden/bedrock interface. In general, the groundwater flow in the shallow bedrock aquifer appears to be flowing in a southwesterly direction, with a divide at Gidneytown Creek.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfm/xtapps/derexternal/haz/details.cfm?pageid=3&progno=336009>

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit: <http://www.dec.ny.gov/chemical/8439.html>

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

City of Newburgh Planning Office
City Hall, 83 Broadway
Newburgh, NY 12250
phone: 845-569-9400

Newburgh Free Library
124 Grand Street
Newburgh, NY 12250
phone: 845-563-3601

NYSDEC Region 3 Office
21 South Putt Corners Road
New Paltz, NY 12561
phone: 845-256-3154

Project documents are also available on the NYSDEC website at:

<http://www.dec.ny.gov/chemical/37552.html>

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

Salvatore F. Priore, P.E.
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9665
salvatore.priore@dec.ny.gov

Site-Related Health Questions

Mark Sergott
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza-Corning Tower, Room 1787
Albany, NY 12237
518-402-7860
BEEI@health.ny.gov

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox.

NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:

<http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better informed*.



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

