



FACT SHEET

State Superfund Program

Receive Site Fact Sheets by *Email*. See "For More Information" to Learn How.

Site Name: Ozone Industries
DEC Site #: 241033
Address: 100th St. Between 101st and 103rd Avenues
Ozone Park, NY 11417-

Have questions?
See
"Who to Contact"
Below

Cleanup Action to Begin at State Superfund Site

Action is about to begin that will address the contamination related to the Ozone Industries site ("site") located at 100th St. Between 101st and 103rd Avenues, Ozone Park, Queens County under New York's State Superfund Program. Please see the map for the site location.

The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information." The cleanup activities will be performed by Endzone, Inc. with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

Highlights of the Upcoming Cleanup Activities

The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The cleanup action for the site includes:

The elements of the cleanup action are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.
2. The floors in Bays 8 through 15 will be removed and as much as practical of the contaminated shallow soils will be excavated beneath these eight bays.
3. Post-excavation soil sampling will be conducted in each of the eight bays to document the condition of the soil left in place.
4. All excavated contaminated soil will be disposed at a permitted disposal facility.
5. Clean backfill will replace the excavated shallow soils. Clean fill will constitute soil that meets the Division of Environmental Remediation's criteria for backfill.
6. A Soil Vapor Extraction (SVE) system of vertical wells and a piping system will be constructed to collect vapors from the deeper soils. The purpose is to draw soil vapor from beneath the building slab and keep any potentially harmful soil vapors from entering the building.
7. An active sub-slab depressurization system (SSDS) will be constructed beneath the floors in Bays 8 through 15.

8. The SVE and SSDS mechanical equipment will be installed and each system operated with off-gas treatment, as needed.

9. A vapor intrusion mitigation program will be implemented to investigate and remediate, if necessary, off-site adjacent structures (residential, commercial) and off-site adjacent bays to the Site for vapor intrusion, if access is granted. Sub-slab vapor concentrations will be compared to New York State Department of Health (NYSDOH) Guidance values.

10. The on-site and off-site impacted groundwater will be monitored.

11. Imposition of an institutional control in the form of an environmental easement that will require (a) limiting the use and development of the property to permit commercial or industrial uses. More restrictive land use and development controls may be considered, if necessary, based upon post-excavation soil sampling results; (b) compliance with the approved site management plan; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by NYSDOH; and (d) the property owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls.

12. Development of a Site Management Plan which will include the following institutional and engineering controls: (a) provide provisions for the continued proper operation and maintenance of the SVE and SSDS systems; (b) provide a monitoring plan for Tetrachloroethene (TCE) and cis-1,2-dichloroethene (DCE) in the groundwater; (c) pursue a plan for vapor intrusion investigations in off-site areas with soil vapor mitigation systems installed, if required; (d) identification of any use restrictions on the site; and (e) a soil management plan if post-excavation soil sampling results exceed unrestricted soil cleanup objectives.

13. The property owner will provide a periodic certification of institutional and engineering controls, prepared and submitted by a professional engineer or such other expert acceptable to the NYSDEC, until the NYSDEC notifies the property owner in writing that this certification is no longer needed. This submittal will: (a) contain certification that the institutional controls and engineering controls put in place are still in place and are either unchanged from the previous certification or are compliant with NYSDEC-approved modifications; (b) allow the NYSDEC access to the site; and (c) state that nothing has occurred that will impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the site management plan unless otherwise approved by the NYSDEC.

14. The operation of the components of the remedy will continue until the remedial objectives have been achieved, or until the NYSDEC determines that continued operation is technically impracticable or not feasible.

Next Steps

After completion of the cleanup activities, Endzone, Inc. will prepare a Final Engineering Report. The Final Engineering Report will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

The New York State Department of Environmental Conservation (NYSDEC) will keep the public informed throughout the cleanup of the site.

Background

Location: The Former Ozone Industries site is located in a mixed commercial, industrial and residential area of the Ozone Park section of Queens. The site is located within a block that is bounded by 99th and 100th Streets to the east and west and by 101st and 103rd Avenues to the north and south.

Site Features: The Former Ozone Industries site is situated beneath an abandoned, elevated Long Island Railroad (LIRR) right-of-way.

Current Zoning: Commercial/Industrial

Historic Uses: Former Ozone Industries occupied their 101-32 101st Street complex from 1948 to 1996 and included locations at 101-21 101st Street, 101-32 101st Street, 101-57 100th Street, and several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street. All bays were used in conjunction with the manufacture of aircraft parts and included storage of spent trichloroethene (TCE) (used in de-greasing activities) prior to pickup by their waste hauler.

Operable Unit #1: Endzone Inc., the successor to Ozone Industries, Inc., entered into a Consent Order which obligates Endzone Inc. to implement a full remedial program including a Remedial Investigation and Feasibility Study (RI/FS).

Field work for the Site RI/FS was completed and the Record of Decision (ROD) was signed in February 2010. The Remedial Design Work Plan was approved on January 31, 2011. The Remedial Design/Remedial Action (RD/RA) Work Plan, including biddable documents, was approved on October 25, 2011.

Site Geology and Hydrology: Groundwater is at approximately 30 feet below the surface and flows to the south-southwest through the site. A light brown medium/coarse grain sandy soil exists to depth below about four feet of urban fill material.

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

<http://www.dec.ny.gov/cfm/x/EXTAPPS/DEREXTERNAL/HAZ/DETAILS.CFM?PAGEID=3&PROGNO=241033>

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.

QUEENS BOROUGH PUBLIC LIBRARY
Attn: CENTRAL LIBRARY
89-11 MERRICK BLVD
JAMAICA, NY 11432
phone: 718-990-0700

Who to Contact

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

Project Related Questions

John Durnin
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7016
518-402-9768
jedurnin@gw.dec.state.ny.us

Site-Related Health Questions

Bridget Callaghan
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.state.ny.us

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.

Note: Please disregard if you already have signed up and received this fact sheet electronically.

