



FACT SHEET

State Superfund Program

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

Site Name: Scobell Chemical - NYSDOT Site

DEC Site #: 828076

Address: 1 ROCKWOOD PLACE
BRIGHTON, NY 14610

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 Scobell Chemical - NYSDOT Site ("site") located at 1 ROCKWOOD PLACE, BRIGHTON, Monroe 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 the NYS Department of Environmental Conservation.

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:

- Continued evaluation of the extent of site related contaminants in groundwater and soil vapor downgradient of the Site (off-site), as well as the potential for soil vapor intrusion (SVI) into buildings in the vicinity of the groundwater plume. As part of this evaluation, additional groundwater monitoring wells and soil vapor points were installed in fall of 2015 on the Ellison Park Apartment property and along Blossom Road, between the Ellison Park Apartments and I-590. Based on the results of the groundwater and soil vapor sampling, NYSDEC and New York State Department of Health (NYSDOH) will evaluate the need for additional SVI evaluations in downgradient structures (including residences). Actions will be taken as necessary to address exposures related to SVI.

Additional Details

- Pre-design field activities, including monitoring well installations, commenced in fall of 2014 to collect information needed to prepare the remedial design. This included additional subsurface investigation and evaluation of the contaminant source area, within fractured bedrock on and off-site. The source is defined as dense non-aqueous phase liquid, or DNAPL, meaning the contamination is not fully dissolved and is heavier than water. The DNAPL is composed of volatile organic compounds (VOCs), mainly the industrial solvent

trichloroethylene (TCE), and has resulted in the groundwater plume.

- A laboratory bench scale study was conducted during the winter of 2014-2015 to evaluate the effectiveness of using fine iron particles (known as zero valent iron [ZVI] technology) to break down the contaminants, VOCs (including TCE).
- A pilot scale study began in the late summer 2015 and is ongoing. The pilot study involves injecting ZVI into the subsurface (specifically into the bedrock fractures) over a limited portion of the site and evaluating whether the technology is effective in reducing contaminants.
- A pre-design investigation report will be completed after the pilot scale ZVI injections and post injection monitoring. The information provided in the report will be used to aid in the design the full scale remediation of the source area.

Next Steps

After completion of the cleanup activities, the NYS Department of Environmental Conservation 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 Scobell Chemical site is located at 1 Rockwood Place in a mixed commercial, industrial, and residential area in the northern section of the Town of Brighton and immediately east of the City of Rochester boundary. The site occupies approximately 2 acres and is positioned along the north-side of New York State Highway 590. The site is approximately 1,000 feet east of the intersection of Rockwood Place and East Avenue.

Site Features: The Site contains no structures, is covered with grass and scrub growth, and is surrounded by a chain link fence. A small surface water drainage ditch parallels the New York Central Railroad Line that is present immediately north of the property. The Grass Creek is located north of the site beyond the railroad line.

Current Zoning/Use(s): The site is currently undeveloped and part of the right-of-way bordering the New York State Highway 590 and 490 exchange. The surrounding parcels are used for a combination of industrial, commercial, transportation, and utility right-of-ways. The nearest residential area is located along Blossom Road approximately 600 feet north of the site.

Past Use of the Site: The Scobell Chemical Site is the location of a former chemical repackaging company that operated at this location from the 1920s until 1986. During this time, assorted chemicals were purchased by the company in bulk and repackaged into smaller containers for resale. The site had one main building, two smaller structures and four above ground storage tanks. The overall amount and type of materials handled is unclear but significant subsurface soil and groundwater contamination has resulted from past operations.

In 1988 as part of a New York State Department of Transportation (NYSDOT) highway

reconstruction project all of the former buildings were removed. During this project, the NYSDOT discovered extensive contamination at the Scobell site including abandoned drums, contaminated structures, and soil and bedrock contamination. Drums, containing chlorinated volatile organic compounds (VOCs), pesticides/herbicides, and toluene, were found in one of the warehouses. In addition, deteriorated containers, discolored soils, and stained asphalt were found across the site. As a result of the contamination, the NYSDOT excavated both soil and bedrock for off-site disposal from half of the property in order to finish the highway interchange reconstruction. The remainder of the site was placed on the NYS Registry of Inactive Hazardous Waste Disposal Sites.

Operable Units: The site is divided into two operable units. Operable Unit 1 (OU1) is the on-site source area and the groundwater contamination. Operable Unit 2 (OU2) consists of the off-site groundwater, DNAPL, and soil vapor plumes.

Site Geology and Hydrogeology: To serve as a barrier to site contamination, a 9 to 12-inch clay cap was placed over the site by the NYSDOT during the highway reconstruction project. Fill material consisting of sand and silt along with various amounts of cinder, brick, and glass extend to a depth of approximately 4.5 feet beneath the clay cap. Native soil comprised of silt and clay with minor amounts of sand and gravel is present beneath the fill and extend to the top of bedrock at a depth of approximately 7 to 10.5 feet beneath the ground surface. The underlying bedrock is a porous dolostone of the Lockport Group. Groundwater flow from the site is predominantly to the northeast.

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

<http://www.dec.ny.gov/cfm/external/haz/details.cfm?pageid=3&progno=828076>

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.

Brighton Memorial Library
2300 Elmwood Avenue
ROCHESTER, NY 14618
phone: 585-784-5300

NYSDEC Region 8 Office
Attn: Ms. Linda Vera
6274 East Avon-Lima Road
Avon, NY 14414-9516
phone: 585-226-5354

Who to Contact

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

Project Related Questions

Joshua Haugh
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7017
518-402-8199
joshua.haugh@dec.ny.gov

Site-Related Health Questions

Bridget Boyd
New York State Department of Health
Corning Tower Room Room 1787 Empire State
Plaza
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.

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

