



FACT SHEET

State Superfund Program

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

Site Name: Powers Chemco
DEC Site #: 130028
Address: 71 Charles Street
Glen Cove, NY 11542

Have questions?
See
"Who to Contact"
Below

Remedy Amendment Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

Public Meeting, Thursday, 1/30/2014 at 7:00 PM

Sea Cliff Village Main Library, 300 Sea Cliff Avenue, Sea Cliff, NY 11579

NYSDEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Powers Chemco site ("site") located at 71 Charles Street, Glen Cove, Nassau County. Please see the map for the site location.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **January 17, 2014** through **February 17, 2014**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

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.

Proposed Record of Decision Amendment

The Department is proposing to amend the 1991 Record of Decision (ROD) for the Powers Chemco Site. The summary of the proposed amended remedy includes:

- Excavation and off-site disposal of approximately 10,000 cubic yards of contaminated subsurface soils. Excavations will be backfilled with clean fill.

- In situ chemical oxidation (ISCO) of residually contaminated groundwater remaining after excavations are backfilled with clean fill.
- Application of ISCO to the area of impacted soils located off-site along the northern perimeter of the excavation; and
- Institutional controls in the form of an environmental easement will require periodic certification of institutional and engineering controls allowing for commercial and industrial use of the controlled property, restricting groundwater usage at the site and monitoring for soil vapor intrusion for any buildings.

The estimated present worth cost to carry out the amended remedy is \$5,504,900.

Additional Details

Investigations conducted after shutdown of the 1991 ROD required remedy revealed that the remedial system was not successful in remediating the site due to the heterogeneous nature of site soils. The VOCs are tightly bound in the fine-grained matrix, and prevented the pump and treat system and air sparge/soil vapor extraction (AS/SVE) systems from adequately removing the VOCs from the impacted media.

Summary of the Investigation

Based upon subsequent investigations conducted after the implementation of the 1991 ROD required remedy, the primary contaminants of concern (COC) still present at the site are VOCs, including toluene, xylene, ethylbenzene, methyl ethyl ketone (MEK) and benzene.

Significant levels of COCs are still present in soils at the site. Elevated levels of toluene, xylenes (total), ethylbenzene and benzene were detected in on-site soils above the Department's protection of groundwater soil cleanup objectives (SCOs). The investigation also identified an area of soil contamination located off-site between the northern property line and The Place.

Significant levels of COCs are also still present in groundwater. Levels of toluene, total xylenes and ethylbenzene in the groundwater are above the Department's Ambient Water Quality Standards and Guidance values (SCGs).

Groundwater samples also detected several metals including arsenic, chromium, lead, and mercury which all exceeded their respective SCGs. Concentrations of xylenes and ethylbenzene were detected in one off-site monitoring well located immediately north of the site, beneath the grassed shoulder south of The Place.

A soil gas survey revealed that VOC's were also present in the soil gas samples. Levels of VOCs decreased significantly from the source area to the perimeter soil gas locations. In 2007, a soil vapor intrusion (SVI) investigation was conducted on the north side of The Place. The investigation found contamination, but not at levels where actions are needed to address exposures related to soil vapor intrusion.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the "feasibility study" submitted under New York's State Superfund Program by Konica Minolta Holdings USA., Inc.

Next Steps

NYSDEC will consider public comments as it finalizes the remedy for the site. The selected remedy will be described in a document called a "Amended Record of Decision" that will explain why the remedy was selected and respond to public comments. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed. NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background

Site Location: The Powers Chemco site, also known as the former Columbia Ribbon and Carbon Manufacturing Company Site, is a vacant 1.4 acre property located within the 15 acre Konica Minolta property in the City of Glen Cove, Nassau County, New York. The site is bounded to the south and east by the former Konica Minolta facility, to the west by Li Tungsten Parcel B (USEPA Superfund site) and to the north by a public roadway (The Place). All buildings on the adjacent 13.6 acre former Konica Minolta facility were demolished in the past year. The site mailing address is 71 Charles Street, Glen Cove, New York 11542. Please see Figure 2 which shows the site boundary within the larger property.

Site Features: The 1.4 acre site served as an employee parking lot when the Konica Minolta facility (former Powers Chemco) was operating. To the north and east of the site, the properties are predominantly residential. To the south and west of the site is an industrial corridor that includes five other inactive hazardous waste disposal sites (i.e., State Superfund sites) and one Environmental Restoration Program site. The site is approximately 1,200 feet north and 60 feet above the eastern end of Glen Cove creek, which empties into Hempstead Harbor. The topography of the site is relatively flat. An inactive remedial treatment plant is still present at the site.

Current Zoning/Use(s): The property is zoned for industrial use and is currently vacant.

Historic Use(s) and Source(s) of Contamination: Powers Chemco, Inc., a manufacturer of photographic equipment and supplies, purchased this site from Columbia Ribbon Carbon and Manufacturing Co. (Columbia) for use as a parking lot in 1979.

In 1983, Powers Chemco discovered the subsurface contamination while excavating. For an undetermined period prior to 1979, Columbia had disposed of wastes from the production of blue printing inks, carbon paper and typing ribbon in open pits behind their manufacturing buildings. Additionally, wastes were pumped through a two-inch galvanized pipe from the Columbia plant directly into the pits. The hazardous and industrial wastes disposed of in the area include, but were not necessarily limited to toluene, ethylbenzene, ethyl acetate, and other residues from the formulation of printing inks.

Site Geology/Hydrogeology: There are three principal aquifers in the area of the site. These are the Upper Glacial, Magothy, and Lloyd aquifers. The site and its surrounding areas are underlain by the Harbor Hill ground moraine which consists of a mixture of sand, silt, clay and boulders. The soil beneath the site consists of layers ranging from medium to coarse sand and gravel to hard, dense silt and clay. The presence of a shallow, perched water table zone was noted beneath most of the site. The depth to water in the perched zone ranges from 6 to 14 feet. The groundwater flow in the perched zone varies from southeast to southwest. Based upon regional hydrogeological data, groundwater in the shallow upper glacial aquifer flows to the south towards Glen Cove Creek. The Magothy aquifer is the principal source of drinking water in the area. The City of Glen Cove draws water from the 200-300 foot zone of the Magothy from public supply wells located east of the site.

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

<http://www.dec.ny.gov/cfm/extapps/derexternal/haz/details.cfm?pageid=3&progno=130028>

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.

Glen Cove Public Library
4 Glen Cove Avenue
Glen Cove, NY, NY 11542-2885
Phone: 516-676-2130

Who to Contact

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

Project Related Questions

Girish Desai
Department of Environmental Conservation
Division of Environmental Remediation
SUNY at Stony Brook, 50 Circle Road
Stony Brook, NY 11790-3409
631-444-0243
gvdesai@gw.dec.state.ny.us

Site-Related Health Questions

Nathan Walz
New York State Department of Health
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.

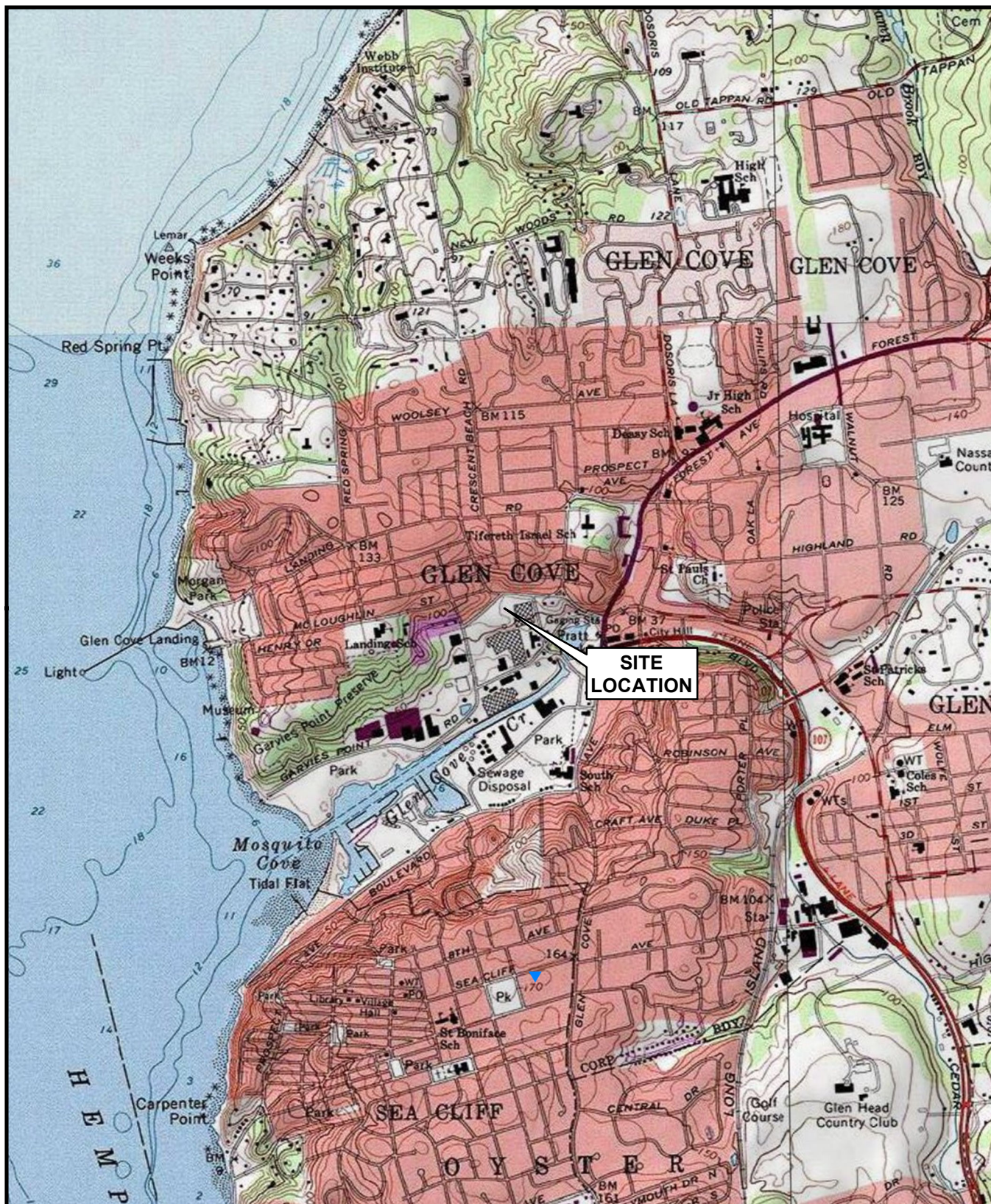
Receive Site Fact Sheets by Email

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.



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Figure 1 Site Location Map

Powers Chemco
City of Glen Cove, Nassau County
Site No. 130028





Figure 2 Site Map

Powers Chemco
City of Glen Cove, Nassau County
Site No. 130028

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