



FACT SHEET

State Superfund Program

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

Site Name: Bram Manufacturing
DEC Site #: 344055 Operable Units 01,01A *
Address: 26 Route 9W
Congers, NY 10920

Have questions?
See
"Who to Contact"
Below

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

Public Meeting, Thursday, 9/6/2012 at 7:00 PM
Clarkstown Town Hall, 10 Maple Avenue, New City

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 Bram Manufacturing ("site") located at 26 Route 9W, Congers, Rockland 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 August 20, 2012 through September 19, 2012. 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 Remedial Action Plan

The remedy proposed for the site includes:

1. Excavation and off-site disposal of accessible soils above the water table.
2. Construction of a site cover which will consist of on-site buildings or new pavement to allow for the commercial use of the site.

*Operable Unit: An administrative term used to identify a portion of a site that can be addressed by a distinct investigation and/or cleanup approach. An operable unit can receive specific investigation, and a particular remedy may be proposed.

3. Treatment of saturated soils and groundwater using chemical oxidation. The chemical oxidant will be applied through injection wells. The chemical oxidant will break down the contamination into relatively benign compounds such as carbon dioxide and water.
4. Treatment of bedrock groundwater by in-situ chemical reduction. This process will be implemented through the placement of a reactive media, such as zero-valent iron, in the bedrock fractures.
5. Bioremediation of off-site groundwater contamination. Bioremediation is a process in which naturally occurring organisms are stimulated to degrade contaminants into non-toxic by-products.
6. Continued monitoring of sub-slab vapor and indoor air for the on-site building and for the commercial building to the north of the site with provisions to mitigate if necessary.
7. Placement of an institutional control in the form of an environmental easement on the property to restrict site usage and to prevent the use of groundwater as drinking water.

Additional Details

Based upon investigations conducted to date, the primary contaminants of concern at the site include trichloroethene (TCE), cis-1,2 dichloroethene (DCE), vinyl chloride (VC), 1,2,4 trimethylbenzene (TMB), tetrachloroethene (PCE) and xylenes. These are common industrial solvents and their environmental breakdown products.

Summary of the Remedy for an irrigation well located north of the Bram site:

A granulated activated carbon (GAC) unit was installed on an irrigation well located to the north of the site. The GAC unit will be inspected and sampled periodically to ensure that the groundwater is being properly treated.

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. The draft cleanup plan that identifies the proposed remedy has several goals:

- 1) identify cleanup levels to be attained or the process to be used to determine these levels
- 2) explain why the proposed remedy will protect public health and the environment
- 3) provide a detailed description of the proposed remedy.

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 "Record of Decision" that will explain why the remedy was selected and respond to public comments. The project then moves to designing and performing the cleanup action to address the site contamination.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background

Location Description: The Bram Manufacturing site is located in a suburban portion of Rockland County, NY. The site is located on Route 9W near the intersection with Old Lake Road, and is within 200 feet of the Kill Von Beaste which connects Swartwout Lake with Rockland Lake. It is identified

on the Town of Clarkstown tax map as Section 141, Block A, Lot 8.

Site Features: The property consists of an open lot and contains a one story 12,300 square foot block construction building.

Current Zoning/Use: The site is currently zoned for commercial use. The site has been used as both office space and storage. The office space in the western portion of the building is currently unoccupied. There is a small office in the eastern portion that is occupied. The property is bordered to the north by residential properties. To the east the zoning is designated commercial and is occupied by a warehouse, a stream, and wetland. To the south the zoning is designated commercial and is occupied by undeveloped property. Route 9W is located to the west of the site.

Historic Use and Source of Contamination: The prior uses that appear to have led to contamination include the manufacturing of lighting fixtures and possible disposal of waste products.

Site Geology and Hydrogeology: Overburden materials on-site consist of medium sand and gravel with some silty clay. A glacial till unit is located below the overburden material and is made of red shale and sandstone. Bedrock is approximately 8 to 12 feet below ground surface and is made up of conglomerates, sandstone and red shale. Groundwater on site is located 4 to 6 feet below ground surface. Overburden groundwater flows to the northeast toward the Kill Von Beaste Brook. Bedrock groundwater flows toward the northwest and there is an upward gradient of flow as groundwater trends northwest. The majority of bedrock groundwater appears to discharge into the Kill Von Beaste.

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=344055>

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.

Valley Cottage Library
110 Route 303
Valley Cottage, NY 10989
phone: 845-268-7700

NYSDEC Region 3 Office

Attn: Please call for an appointment
21 South Putt Corners Road
New Paltz, NY 12561
phone: (845) 256-3154

Who to Contact

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

Project Related Questions

Randy Whitcher
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9564
rjwhitch@gw.dec.state.ny.us

Site-Related Health Questions

Nathan Walz
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 1787
Albany, NY 12237
518-402-7880
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.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

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

