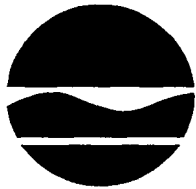


NEW YORK STATE  
DEPARTMENT OF



ENVIRONMENTAL  
CONSERVATION

Dear Interested Citizen:

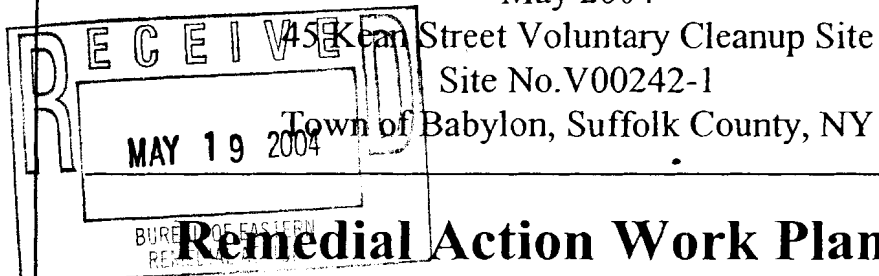
This fact sheet will inform you about the remedial action work plan for the 45 Kean Street Site, located in the Town of Babylon.

The remedial action work plan presents the selected remedy for the 45 Kean Street site in accordance with the contemplated use of the property. The Volunteer is performing this investigation under the supervision of the New York State Department of Environmental Conservation.

The remedial action work plan is available in the document repositories indicated on this page of the fact sheet. If you have any questions or would like additional information, please contact the personnel identified on this fact sheet.

# FACT SHEET

May 2004



45 Kean Street Voluntary Cleanup Site  
Site No. V00242-1

Town of Babylon, Suffolk County, NY

## Remedial Action Work Plan for 45 Kean Street Site

\* \* \*

The New York State Department of Environmental Conservation (NYSDEC), working cooperatively with the New York State Department of Health (NYSDOH), the former owner of the 45 Kean Street property (Volunteer) have developed a remedial action work plan which presents the selected remedy for the 45 Kean Street site in accordance with the contemplated use of the property. The remedial action work plan (RAWP) identifies and discusses the remedy for the site based on the results of the previous environmental investigations and the Voluntary Cleanup Remedial Investigation report dated April 20, 2001. The work will be carried out by the Volunteer under the provisions of the NYSDEC Voluntary Cleanup Program.

**The Proposed Action:** An air sparge/soil vapor extraction system will be the remediation technique utilized to address the contamination. Soil vapor extraction or SVE removes harmful chemicals, in the form of vapors, from the soil above the water table. (The water table is the level of ground water below the ground surface.) Vapors are the gases that form when chemicals evaporate. The vapors are extracted (removed) from the ground by applying a vacuum to pull the vapors out.

Air sparging uses air to help remove the harmful vapors from polluted soil and ground water below the water table. When air is pumped underground, the chemicals evaporate faster, which makes them easier to remove. Like SVE, a vacuum then extracts the vapors. Certain chemicals, like solvents and fuel, evaporate easily. SVE and air sparging work best on these types of chemicals. SVE and air sparging are often used at the same time to clean up both the soil and ground water.

### SITE DESCRIPTION/HISTORY

The 45 Kean Street site is located on the east side of Kean Street, West Babylon, Town of Babylon, Suffolk County, New York. This subject site is developed with both a one-story and part two-story industrial brick building, which is occupied by multiple tenants. Previous remedial investigation reports stated that the site was undeveloped until approximately 1970. Potable (drinkable) water in Babylon is supplied by the Suffolk County Water District and meets or exceeds all County, State

## Remedial Investigation

and Federal standards for potable water. If anyone has knowledge of a private well being used in the immediate vicinity of the 45 Kean Street site please contact either the NYSDEC or NYSDOH.

The building was then utilized by Diamond Roller Corporation, which manufactured press rollers, through 1995. Diamond Roller stored chemicals in 55-gallon drums on the eastern portion of the property. Diamond Roller received citations related to drum storage in 1979, 1983 and 1984.

The environmental investigations performed over the last seven years have revealed that several on-site drywells were impacted with volatile organic compounds (VOCs), particularly tetrachloroethene and 1,1,1-trichloroethane. The contaminants were most likely introduced to the subsurface through spillage into drywells. This investigation also revealed that groundwater at the site has been impacted by VOCs. Groundwater samples have been taken through out the site at varying depths. Detectable concentrations of VOCs were found to extend vertically to 91 feet.

### REMEDIAL ACTION OBJECTIVES

The primary objective of the Remedial Action Plan is to have the cleanup of the site be protective of human health and the environment under the conditions of the contemplated use of the site. The contemplated use of this site is commercial/industrial. This means that commercial or industrial uses are allowed on the property excluding a day care/child facility or a medical facility.

### CITIZEN PARTICIPATION

NYSDEC will approve the remedy after careful consideration of all comments submitted during a public comment period, to begin May 19, 2004 and conclude June 18, 2004. Based on public comments or new information, NYSDEC may modify the remedy presented in RAWP. Therefore, the public is encouraged to review and comment on remedy in the RAWP. To stay informed about activities at the 45 Kean Street site throughout the remediation process, the public is encouraged to review the available documents related to the site at the document repositories listed in this fact sheet.

### CONTACT LIST

#### Environmental Concerns

Mrs. Nancy Garry  
NYSDEC  
Division of Environmental Remediation  
625 Broadway, 11<sup>th</sup> Floor  
Albany, NY 12233-7015  
Phone: (518) 402-9621

#### Health-Related Concerns

Mr. Ian Ushe  
NYSDOH  
Flanigan Square, 547 River Street  
Troy, NY 12180-2216  
Phone: (518) 402-7870 or  
1-800-458-1158 ext. 27870

### DOCUMENT REPOSITORIES

#### NYSDEC, Region 1 Office

By Appointment  
Attn: Mr. Bill Fonda  
SUNY - Bldg. 40  
Stony Brook, NY 11790-2356  
M-F 8:30 AM - 4:30 PM  
Phone: (631) 444-0350

#### Public Library

West Babylon Library  
211 Route 109  
West Babylon, NY 11704  
M-Thurs 10:00 AM - 9:00 PM  
Fri-Sat 10:00 AM - 5:00 PM  
Phone: (631) 669-5445

#### NYSDEC, Central Office

Attn: Mrs. Nancy Garry  
625 Broadway  
Albany, NY 12233-7015  
M-F 8:45 AM - 4:45 PM  
Phone: (518) 402-9621