FACT SHEET

Voluntary Cleanup Program

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Site Name: Sid Harvey Industries Facility
DEC Site #: V00145
Address: 100 East Mineola Ave
Valley Stream, NY 11580

Have questions? See "Who to Contact" Below

Remedy Proposed for Voluntary Cleanup Site Contamination; Public Comment Period Announced

The New York State Department of Environmental Conservation (NYSDEC) has released a proposed cleanup plan for the Sid Harvey Industries Facility site ("site") located at 100 East Mineola Ave, Valley Stream, 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 **December 22, 2015** through **January 22, 2016**. The proposed plan is available for public 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.

Draft Remedial Action Work Plan and Proposed Decision Document
The cleanup plan is described in NYSDEC's Proposed Decision Document, which is based on a more detailed "Remedial Action Work Plan." The proposed remedy consists of:

The remedy will include continued use of the existing on-site Air Sparge and Soil Vapor Extraction (AS/SVE), and add Enhanced Bioremediation and Vapor Mitigation. It also employs site management, including institutional and engineering controls, to ensure the remedy continues to be protective and to ensure the safe reuse of the property where contamination will remain in place. This remedy will cover both operable units, Operable Unit 1 (OU1), the unsaturated soil and soil gas on-site, and Operable Unit 2 (OU2), the saturated soil and groundwater on-site and off-site.

The existing Soil Vapor Extraction System originally installed as the OU1 remedy was later combined with an Air Sparge system as part of an IRM for OU2 and will continue operation. This AS/SVE system will be reevaluated, optimized and maintained. Air sparging will address the shallow on-site groundwater contaminated by volatile organic compounds (VOCs). VOCs will be physically removed from the groundwater and soil below the water table (saturated soil) by injecting air into the subsurface. As the injected air rises through the groundwater, the VOCs volatilize and transfer from the groundwater and/or soil into the injected air. The VOCs

are carried with the injected air into the vadose zone (the area below the ground surface but above the water table) where a soil vapor extraction (SVE) system is used to remove the injected air. The SVE system applies a vacuum to wells that have been installed into the vadose zone to remove the VOCs from soil along with the air introduced by the sparging process. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere.

Enhanced Bioremediation will be employed to treat contaminants in on-site and off-site groundwater. The natural biological breakdown of contaminants through anaerobic reductive dechlorination will be improved by adding chemical amendments into the subsurface to help promote microbial growth. These amendments will be injected between 60 and 85 feet below ground surface and will treat the groundwater below the AS/SVE system's influence.

Any on-site and off-site buildings impacted by the site will be required to have a sub-slab depressurization system, or a similar engineered system. Sub-slab depressurization systems are placed under the slab of a building to remove vapors coming from contaminated soil or groundwater that may be present under the slab. This removal prevents vapors from entering indoor air.

Site Management will include institutional and engineering controls (IC/EC) to restrict the property to industrial use and prohibit the use of groundwater without treatment, and site monitoring to assess the performance and effectiveness of the remedy.

Additional Details
Prior remedial activities conducted on-site include:
• Excavation of the former concrete structure in the northeast corner of the property;
• Excavation within the building interior during Resource Conservation and Recovery Act closure activities; and
• Installation of an air sparge/soil vapor extraction system.

These remedial actions have removed contaminants from the site.

The proposed remedy was developed by Sid Harvey's Industries, Inc. ("volunteer(s)") after performing a detailed investigation of the site under New York's Voluntary Cleanup Program (VCP).

Summary of the Investigation
Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals. Based on investigations, the primary contaminants of concern are Tetrachloroethene (PCE); 1,1,1 Trichloroethane (TCA); and their breakdown products, Trichloroethene (TCE), Dichloroethene (DCE) & Dichloroethane (DCA).

For OU1: On-Site Soil and Soil Vapor

Soil-Solvent, fuel oil and metals were mainly found in soils on the eastern portions of the site, both inside and outside of the building. The maximum contaminant concentrations were found near the former underground structure and inside the building in the former cleaning department area. The highest soil contaminant concentration for PCE was reported at 820 ppm (parts per million) which exceeds the industrial use soil cleanup objective of 300 ppm. The maximum TCA in soil was reported at 8,200 ppm which exceeds the 1000 ppm industrial use

soil cleanup objective. Data does not indicate any off-site impacts in soil related to this site.

For OU2: Saturated Soil and Groundwater (on-site and off-site)

Groundwater- PCE and TCA, and their associated degradation products were found in both on-site and off-site groundwater at concentrations exceeding the groundwater standards (typically 5 parts per billion (ppb)). The maximum reported concentration of PCE was 1200 ppb and the maximum concentration of TCA was 38,000 ppb. These maximums were detected near the eastern property boundary and downgradient of the former flammable storage shed area. Contamination in groundwater has migrated off-site.

Soil Vapor and Indoor Air – PCE, TCE, DCE, TCA, and DCA were detected in soil vapor, sub-slab vapor and in indoor air. Off-site impacts in soil vapor related to this site; a sub-slab depressurization system has been installed at a neighboring property to mitigate soil vapor intrusion.

Next Steps

NYSDEC will consider public comments, revise the plan as necessary, and issue a final Decision Document. New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The draft Remedial Action Work Plan and Proposed Decision Document are revised as needed to describe the selected remedy, and will be made available to the public. The volunteer(s) may then design and perform the cleanup action to address the site contamination, with oversight by NYSDEC and NYSDOH.

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

Background

Location: The Sid Harvey Industries Facility site is located in a suburban area. The site is located between Merrick Road and Sunrise Highway, about 1500 feet west of Greis Park and adjacent to the elevated railroad tracks.

Site Features: The site is currently occupied. The main site features includes one large, extended building surrounded by paved parking and driveway.

Current Zoning and Land Use: The site is currently zoned commercial and is being used as a floral and event decorator's showroom. The surrounding parcels are currently used for a combination of residential and commercial use. The nearest residential property is adjacent to the site.

Past Use of the Site: Historically, the site had been in use since the 1940s to remanufacture parts for oil-fired boilers. During these operations disposal of waste solvents to a dry well and leaks associated with solvent recycling equipment are considered to be the main sources of contamination. In 2006, following a Resource Conservation and Recovery Act (RCRA) investigation, contaminated soils were removed from within the building under remedial actions associated with the RCRA closure.

Operable Units: The site is divided into two operable units. An operable unit represents a

portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable Unit 1 (OU1) consists of the on-site soils and soil vapor above the water table. OU2 consists of the saturated soils, below the water table, and groundwater.

Site Geology and Hydrogeology: The geology at the site generally consists of stratified sand and gravels with traces of clays at 80 feet and below. The depth to groundwater is about 10 feet below the land surface. The groundwater generally flows in a southerly direction.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=V00145

Voluntary Cleanup Program: New York's Voluntary Cleanup Program (VCP) was developed to encourage private sector volunteers to investigate and clean up contaminated properties and return these sites to productive use. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.

For more information about the VCP, visit: http://www.dec.ny.gov/chemical/8442.html

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Henry Waldinger Memorial Library
60 Verona Place
Valley Stream, NY 11582
Phone: (516)-852-6422

Who to Contact

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

Project Related Questions
Robert Decandia
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
Phone: 518-402-9693
rob.decandia@dec.ny.gov

Site-Related Health Questions
Anthony Perretta
New York State Department of Health
Bureau of Environmental Exposure NYSDOH
ESP Corning Tower, Rm 1787
Albany, NY 12237, NY
Phone: 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.

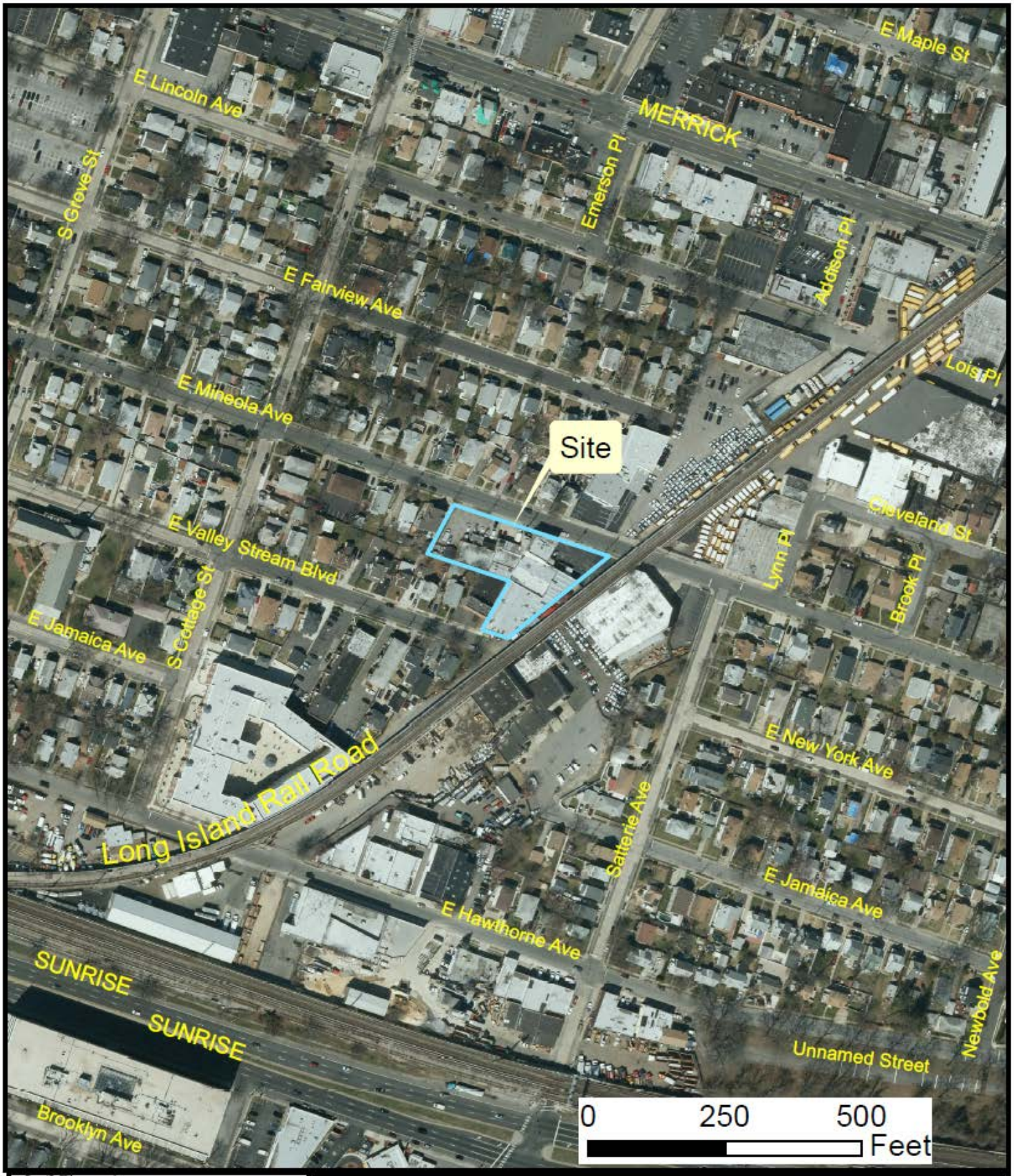

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Figure1
Site Location Map

Sid Harvey
Site No. V00145