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اردو Urdu	اس دستاویز کا ترجمہ آپ کو سمجھ میں آسکنے والی زبان میں کروانے کے لیے، ذیل کے فرد سے رابطہ کریں۔ ترجمہ کے لیے کوئی چارج نہیں ہے۔



Cecia Bicknell, cecia.bicknell@dec.ny.gov



Department of
Environmental
Conservation



RCRA Permitting Program

6 NYCRR Part 373 Permit

Fact Sheet

Safety-Kleen Corporation
27 Saint Charles Street
Thornwood, New York 10594

PERMIT No. 3-5534-00068/00002
EPA ID No. NYD000708172
SITE No. 360044

November 2022

NYSDEC REGION 3

Cleanup Action Completed at RCRA Permitted Site Groundwater Monitoring Completion Report Approved

Action has been completed to address contamination related to the former Safety-Kleen Thornwood site (“site”) located at 27 Saint Charles Street, Westchester County under New York's State RCRA Program. Please see the map for the site location listed as Figure 1 at the end of this document.

The Annual Groundwater Monitoring Reports submitted from 2018 through 2020 show that the cleanup requirements have been achieved to fully protect public health and the environment for the proposed site use. The cleanup activities were performed by facility's third-party contractors (Woodard & Curran (circa 2015-present), Fluor Daniel GIT (circa 1992-2000), and Basile Environmental Solutions (circa 2000-2015) under the supervision by Safety-Kleen and with regulatory oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

Parties interested in the RCRA permit and remedial work performed may access project documents online through the DECinfo Locator: <https://www.dec.ny.gov/data/DecDocs/360044/>. Documents also are available at the location(s) identified at the end of the document under “Document Availability.”

Highlights of the Site Cleanup: Removal of Underground Storage Tanks (USTs) – Closure of the facility involved the removal of the underground storage tanks and return and fill station as well as cleaning of the floor and walls of the storage areas. As part of underground tank removal additional soils were excavated.

Installation of Monitoring Wells - Monitoring wells installed at the facility following removal of the USTs indicated a limited area of groundwater contamination thus, an aquifer air sparge/soil vapor extraction system was installed and operated from 1995 until 2001.

The remedial system was shut down due to reductions in groundwater contaminant concentrations below applicable standards and minimal recovery of contaminated vapors. Post-remediation groundwater monitoring initially indicated a limited area of volatile organic compound (< 20 ppb) and mineral spirits (< 1 ppm) contamination. Monitoring did not indicate migration of the contamination away from the Site. Oxygen Releasing Compound (ORC) was then used to address residual contamination in-situ.

Environmental Indicator Determination CA725 – In accordance with EPA's Government Performance and Results Act (GPRA) and NYSDEC's Corrective Action Program, an “Environmental Indicator Determination of

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Human Exposures Under Control” (CA725) was prepared for the site. In this form, completed on March 18, 2010, NYSDEC verified that current human exposures were under control based on current and reasonably expected conditions.

Environmental Indicator Determination CA750 – In accordance with EPA’s Government Performance and Results Act (GPRA) and NYSDEC’s Corrective Action Program, an “Environmental Indicator of Migration of Contaminated Groundwater Under Control” (CA750) was prepared for the site. In this form, completed on March 22, 2010, NYSDEC verified that the migration of contaminated groundwater at the site was under control based on current and reasonably expected conditions.

Environmental Indicator Determination CA900 – In accordance with EPA’s Government Performance and Results Act (GPRA) and NYSDEC’s Corrective Action Program, an “Environmental Indicator of Migration of CA Performance Standards Attained” (CA900) was achieved by the site as of December 29, 2020. A letter approving cessation of the Post Closure Monitoring program was issued by NYSDEC on July 7, 2022.

Site Description: Safety-Kleen is an international service-oriented company primarily engaged in recycling spent solvents used for degreasing automotive parts as well as other uses. The company offers to collect and reclaim used solvent, primarily from small quantity generators of hazardous wastes such as vehicle repair shops. The above referenced Thornwood facility, a collection center, was in operation from 1977 to 1992 and has since been closed.

The site is located in the village of Thornwood and consists of a two-story concrete block building and a parking lot adjacent to the Nanny Hagen Brook. The former service center is in a commercial area next to an active gasoline station/convenience store. The building is currently the office/shop of Duro Electric.

During Safety-Kleen’s operation of the Site, the facility consisted of: a 12,000 gallon underground storage tank for storage of clean mineral spirits solvent; a 12,000 gallon underground storage tank for the storage of waste mineral spirits solvent; a return and fill station used to collect waste mineral spirits and dispense clean material; a container storage area to store immersion cleaner, dry cleaning waste and spent anti-freeze; and a metal shelter for storing painting equipment cleaning wastes.

Closure of the facility involved the removal of the underground storage tanks and return and fill station and cleaning of the floor and walls of the storage areas. As part of underground tank removal additional soils were excavated.

Monitoring wells installed following removal of the USTs at the facility indicated a limited area of groundwater contamination. An aquifer air sparge/soil vapor extraction system was installed and operated from 1995 until 2001. The remedial system was shut down due to reductions in groundwater contaminant concentrations and minimal recovery of contaminated vapors. Post-remediation groundwater monitoring initially indicated a limited area of volatile organic compound (< 20 ppb) and mineral spirits (< 1 ppm) contamination. Monitoring did not indicate migration of the contamination away from the Site. Oxygen Releasing Compound (ORC) was then used to address residual contamination in-situ.

Closure performance standards for both soil and groundwater were developed for the Thornwood site and have been satisfied. These standards are listed in Table 1 at the end of this fact sheet.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, 360044) at:

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<https://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3>

For more information about New York's RCRA Permitting Program, visit:

www.dec.ny.gov/chemical/8477.html

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.

Stay Informed with DEC Delivers

Sign up to receive site updates by email:

www.dec.ny.gov/chemical/61092.html

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

DECinfo Locator

Interactive map to access DEC documents and public data about the environmental quality of specific sites:

<https://www.dec.ny.gov/pubs/109457.html>

Public Participation

The Department encourages the public to review and comment on the determination described in this document. The Department will consider any new information and/or public comments regarding this determination received during the public comment period.

Document Availability

The Fact Sheet and referenced reports are also available electronically at

<https://www.dec.ny.gov/data/DecDocs/360044/>

Public Comment Period

A public comment period has been established from November 30, 2022 to January 17, 2023. Comments on this determination are encouraged and may be submitted no later than January 17, 2023.

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The Department will address any comments relative to this determination that are received during the public comment period in a Responsiveness Summary. The Responsiveness Summary will be sent to each person who submits written comments and requests such notice.

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Site Location
Figure 1

27 Saint Charles Street, Thornwood, NY



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Table 1

Closure Performance Standards

Constituent	Groundwater Protection Standards (ppm)	Target Cleanup Levels for Soil (ppm)
Benzene	0.0007	0.06
Toluene	0.005	1.5
Ethyl Benzene	0.005	5.5
Xylene (total)	0.005	1.2
Vinyl Chloride	0.002	0.120
1,1 Dichloroethene	0.005	0.4
1,2 Dichloroethene	0.005	0.3
1,1 Dichloroethane	0.005	0.2
1,1,1 Trichloroethane	0.005	0.76
1,2 Dichloroethane	0.005	0.1
Trichloroethene	0.005	0.7
Tetrachloroethene	0.005	1.4
Chlorobenzene	0.005	1.7
1,3 Dichlorobenzene	0.005	1.55
1,4 Dichlorobenzene	0.0047	8.5
1,2 Dichlorobenzene	0.0047	7.9
Mineral Spirits	0.05	100.0