

Region 3 GPRA Baseline RCRA Corrective Action Facility

SAFETY-KLEEN SYSTEMS, INC.

Chesapeake Service Center

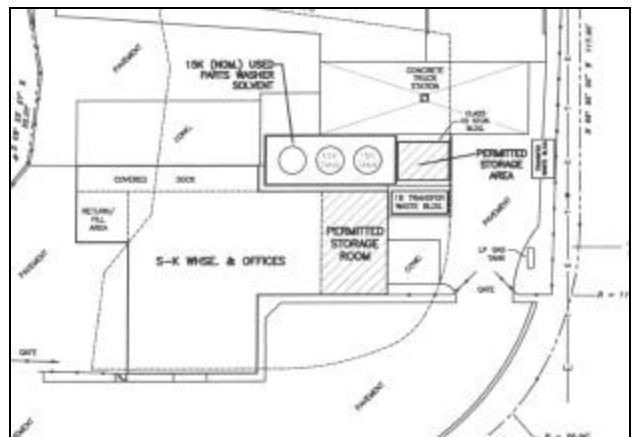
Chesapeake Service Center
4545 Bainbridge Boulevard
Chesapeake, VA 23320
Congressional District 4
EPA ID #: VAD000737346
Last Updated 07/07/2008

Topographic Location Map



Quadrangle: Norfolk South, VA
Provider: U.S. Geological Survey
Date: 1986

Partial Site Plan



Current RCRA CA Activities

RCRA Corrective Action (CA) activities at the Safety-Kleen Systems, Inc. (Safety-Kleen) facility in Chesapeake, Virginia, are being conducted under the direction of the Virginia Department of Environmental Quality (DEQ). The CA investigations and any necessary clean up activities are being implemented in accordance with the conditions and requirements of the facility's Hazardous Waste Management Permit for the Storage and Treatment of Hazardous Waste (Permit). The facility's current Permit contains CA requirements for continuing releases and protection of human health and the environment.

It should be noted that in 1991, the above Safety-Kleen facility was issued a Hazardous and Solid Waste Amendments (HSWA) Corrective Action Permit from the EPA under the HSWA of 1984 provisions of the Resource Conservation and Recovery Act (“RCRA”), 42 U.S.C. §§6901 et seq. Therefore, from 1991 through 2000, CA activities at the facility were under the direction of the EPA Region III.

The facility’s current Hazardous Waste Management Permit for the Storage and Treatment of Hazardous Waste was issued by the DEQ with an effective date of September 25, 1997, for a 10-year period until September 25, 2007, under the Virginia Hazardous Waste Management Regulations (VHWMR). Since issuance of the above Permit, the VHWMR has been amended to incorporate the requirements of the Resource Conservation and Recovery Act (RCRA) Regulations by reference and includes the regulatory requirements of the Hazardous and Solid Waste Amendments (HSWA) of the RCRA of 1984. The Hazardous Waste Management Permit was modified by the DEQ, effective October 9, 2002, to incorporate site-wide Corrective Action (CA) requirements of the HSWA. The above Permit is administratively continued until the Permit is reissued by the DEQ.

The facility submitted a RCRA Permit Renewal Application, Parts A and B, which was received by the DEQ on March 27, 2007. The DEQ has reviewed the Application and determined that the permit renewal application is technically and administratively “complete”. A draft Permit was developed and issued for review by the public and the facility. The public comment period ran from April 7, 2008 through May 21, 2008. The DEQ is currently working to address the comments received on the draft permit and anticipates the final permit to be issued in the near future.

Site Description

The Safety-Kleen, Chesapeake Service Center, is located in Chesapeake, Virginia, on a 1.9 acre site and has been in operation since October 1980. The facility is located in an urban setting and the property is zoned for General Business. The area surrounding the Chesapeake Service Center is zoned for General business and Light Industrial, and is located approximately 0.5 mile east of the Southern Branch Elizabeth River. Access to the facility is controlled by a 6-foot high chain link fence, topped with three strands of barbed wire. Access into the site is through a gate at the northeast corner of the site.

Since 1980, the Safety-Kleen facility has been providing solvent distribution, collection and reclamation services to companies primarily engaged in automobile repair, industrial maintenance, photo processing, manufacturing, and dry cleaning. The business activities conducted at the facility relate to the leasing and servicing of Safety-Kleen parts cleaning equipment, the collection and distribution of solvents, the collection of paint wastes, and the collection and management of industrial wastes. The solvents are distributed from and returned to the service center, where separate aboveground storage tanks are utilized for the storage of clean and used parts washer solvent, and waste oil. Additional space is designated for the storage of drums containing various waste streams including both clean and used immersion cleaner, dry

cleaner wastes, photographic processing wastes, and paint wastes. The stored materials are periodically removed from the facility and transported to other facilities for reclamation or other method of disposal. No reclamation or disposal activities are performed at the Vinton facility.

All land and buildings currently associated with the facility are owned by Safety-Kleen. The existing facility consists of one building which contains offices and warehouses used primarily for container storage. Additionally, there are three Class 1B container storage shelters used for the storage of flammable waste and transfer waste, a 15,000-gallon aboveground hazardous waste storage tank for the storage of spent parts washer solvents and aqueous parts washer solvents, and the return and fill station which contains two settling/treatment tanks to transfer spent solvents to the storage tank. The facility stores clean parts washer solvent in two 15,000-gallon aboveground tanks. The facility also manages other hazardous wastes and non-regulated waste on a 10-day transfer basis.

RCRA CA Milestones

To date the following RCRA CA milestones have been completed at this Safety-Kleen facility in Chesapeake, Virginia:

- **11/4/91** – RCRA Corrective Action Permit issued by EPA. Permit required the submittal of a Verification Investigation (VI) Work Plan.
- **5/1/92** – Submittal of VI Work Plan to EPA Region III. The Work Plan covered SWMU-5 (two 8,000-gallon USTs used for storage of spent solvent) and AOC-A (two 10,000-gallon USTs used for storage of virgin solvent). Work Plan indicated the USTs were removed in 1985 and had no history of releases.
- **8/18/93** – EPA approved implementation of VI Work Plan.
- **11/24/93** – Submittal of VI Report to EPA Region III. VI Report included analytical results from soil borings near SWMU-5 and AOC-A.
- **4/24/95** – Response from EPA disapproving of the VI Report and requesting that a RCRA Facility Investigation (RFI) Work Plan be prepared and submitted.
- **6/27/95** – Meeting between EPA Region III and Safety-Kleen representatives. Parties agreed RFI Work Plan should be abbreviated in scope.
- **9/20/95** – Abbreviated RFI Work Plan (ARFIWP) submitted by Safety-Kleen.
- **9/24/97** – RCRA Hazardous Waste Management permit issued by VDEQ to Safety-Kleen.

- **1/27/98** – EPA disapproved of ARFIWP through Notice of Deficiency (NOD) letter.
- **3/12/98** – Meeting between EPA Region III and Safety-Kleen representatives to resolve issues pertaining to NOD.
- **5/29/98** – Revised Abbreviated RFI Work Plan (RARFIWP) submitted to EPA.
- **7/31/00** – Comment letter from EPA on RARFIWP. EPA recommended that Safety-Kleen implement the Final Work Plan after incorporating comments.
- **5/24/02** – Letter from VDEQ to Safety-Kleen requesting status of implementation of Final RFI Work Plan.
- **6/26/02** – Response letter from Safety-Kleen to VDEQ. Letter stated the RARFIWP was never been approved or disapproved by EPA or VDEQ, and has yet to be implemented. Letter also stated VDEQ intends to issue new operating permit in late 2002, which will incorporate HSWA facility-wide corrective action into the permit. Safety-Kleen requested meeting with VDEQ to discuss permit and approach.
- **10/9/02** – RCRA Hazardous Waste Management Permit modified by VDEQ which incorporated site-wide Corrective Action (CA).
- **10/15/02** – Meeting between VDEQ and Safety-Kleen representatives to discuss permit and Corrective Action.
- **11/1/02** – Letter from Safety-Kleen to VDEQ summarizing the understandings from the 10/15/02 meeting. Letter stated Safety-Kleen would submit a brief groundwater sampling and analysis plan to the Department.
- **12/5/02** – Alternate Groundwater Investigation Plan submitted by Safety-Kleen to VDEQ.
- **3/27/07** – Hazardous Waste Management Permit Renewal Application received by VDEQ.
- **8/7/07** – Hazardous Waste Management Permit Renewal Application deemed administratively and technically complete by VDEQ.
- **4/7/08** – Draft Hazardous Waste Management Renewal Permit issued for 45-day public comment period.

- **5/21/08** – End of 45-day public comment period on draft Hazardous Waste Management Renewal Permit.

Environmental Indicator Status

Under the Government Performance and Results Act (GPRA), EPA has set national goals to address high priority RCRA Corrective Action facilities by the year 2008, and medium and low priority RCRA Corrective Action facilities by the year 2020. EPA is evaluating two key Environmental Indicators (EIs) for each facility: Current Human Exposures Under Control and Migration of Contaminated Groundwater Under Control. This facility is one of EPA Region III's medium/low priority facilities and falls under this initiative.

Virginia's current evaluation of Environmental Indicators for this facility is as follows:

- *Human Exposures Controlled Determination:* Additional information is needed to formally determine if current human exposures are controlled. To date the Human Exposures Controlled Determination has not been made, but is scheduled to be completed by September 30, 2008.
- *Release to Groundwater Controlled Determination:* Additional information is needed to formally determine if Groundwater Releases are controlled. To date the Release to Groundwater Controlled Determination has not been made, but is scheduled to be completed by September 30, 2008.

Contaminants

There are currently no known contaminants to the soils, subsoils, and groundwater. Additional site assessment and/or investigation is necessary to determine if contamination is present at the Safety-Kleen Chesapeake Service Center.

Institutional Controls

The facility's Hazardous Waste Permit (Permit) was modified to include Corrective Action (CA) requirements with an effective date of October 9, 2002; the Permit has an expiration date of September 25, 2007. The Permit is administratively continued until the Permit is reissued by the DEQ.

The purpose of the current Permit is to authorize the facility's storage and treatment operations and to implement CA requirements specified under the Hazardous and Solid Waste Amendments (HSWA) of the RCRA of 1984. The Permit requires CA Investigations and facility-wide CA, if deemed necessary, based upon the investigation findings. The CA investigations and any necessary clean up activities at the facility are being implemented in accordance with the conditions and requirements of the above Permit.

Community Involvement

A copy of all documents relating to the RCRA CA program at this facility are available for viewing at DEQ's Central Office located at 629 East Main Street in Richmond, Virginia. Additionally, an Administrative Record will be made available at a local repository at an appropriate future date to give the community access to the CA related documentation.

Government Contacts

The Commonwealth of Virginia has the lead CA authority for this project. Please contact the DEQ project manager listed below for details on this project or the contents of this factsheet.

DEQ Project Manager

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EPA Project Manager

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For more information about EPA's CA program, including Environmental Indicators, please visit EPA's website at: www.epa.gov/reg3wcmd/correctiveaction.htm.

Facility Contact

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Fact Sheet Update

The previous fact sheet was updated January 2008. The next fact sheet update is scheduled for January 2009. Previous fact sheets may be obtained through the listed DEQ contact.