

**HAZARDOUS WASTE STORAGE FACILITY PERMIT RENEWAL  
SAFETY-KLEEN SYSTEMS, INC. - CHANDLER FACILITY  
6625 WEST FRYE ROAD  
CHANDLER, ARIZONA  
EPA I.D. NO. AZD981969504**

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This fact sheet was prepared in accordance with the Arizona Administrative Code (A.A.C.) R18-8-271.E(e) and R18-8-271.G. A fact sheet must accompany every Arizona Hazardous Waste Management Act (AHWMA) draft permit that the Arizona Department of Environmental Quality (ADEQ) has prepared that either raises major issues or involves a new facility. All references to the A.A.C. hereafter refer to the A.A.C. R18-8-260 et. seq., made effective on September 5, 2015, as published at 21 Arizona Administrative Register (A.A.R.) 1246, which incorporates and/or modifies parts of Title 40 Code of Federal Regulations (CFR) Parts 260 et. seq.

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The Arizona Department of Environmental Quality (ADEQ) has prepared a draft hazardous waste permit renewal for Safety-Kleen Systems, Inc., (Safety-Kleen) Chandler facility. The draft permit proposes to allow Safety-Kleen to continue operating its existing hazardous waste management facility located at 6625 West Frye Road, Chandler, Arizona 85226 (see Figure 1) for 10 years. The facility was originally permitted to operate in 1992; and currently operates pursuant to a hazardous waste permit approved on March 20, 2006.

### FACILITY DESCRIPTION

The Safety-Kleen Chandler facility is a commercial hazardous waste storage facility for spent solvents, aqueous-based cleaners, paint wastes, photo imaging wastes and dry cleaning waste collected from off-site generators located within the state of Arizona, mainly the metropolitan Phoenix area. The site includes one building with offices, a warehouse that provides enclosed container storage area (CSA), a tank farm, a loading dock with a solvent return-and-fill station, and two drum washer units attached to the warehouse. This facility serves as an accumulation point for spent solvents generated by Safety-Kleen customers. The Safety-Kleen Chandler facility is a “service center” where wastes are stored, sent to offsite recycling centers for purification, and are returned as reclaimed and clean product material. The Chandler facility is permitted to store 17,160 gallons of liquid product and waste in containers within the CSA, 11,400 gallons of spent solvent in one vertical hazardous waste storage tank, and 324 gallons of spent solvent in two drum washer units. Safety-Kleen’s permit renewal application does not propose any major changes to the facility operation.

Safety-Kleen Chandler employees and trucks are dispatched to collect the hazardous wastes in DOT-approved containers from generators and transport them to the Chandler facility. At the Chandler facility, depending on the waste type, the wastes are stored in either a warehouse container storage area or an aboveground storage tank via a container washer unit pump and piping system. When accumulated in sufficient quantity to economically transport, the stored wastes are transported by truck to an offsite recycling center or permitted disposal facility.

There are no treatment or disposal units at this site and there are no hazardous waste landfills; waste piles; surface impoundments; land treatment units; or other treatment, storage, and disposal units proposed to be permitted.

### TYPES AND QUANTITIES OF HAZARDOUS WASTES MANAGED

#### Types of Hazardous Wastes (40 CFR § 261, Subpart C & D)

The above-referenced waste streams stored at the facility are hazardous primarily because they contain constituents (designated EPA waste codes are in parenthesis) that are listed as toxic halogenated solvents (F002), ignitable and/or toxic non-halogenated solvents (F003 through F005), or wastes exhibiting the characteristics of ignitability (D001). Other constituents that might exist in these waste streams at toxic concentrations include arsenic (D004), barium (D005), cadmium (D006), chromium (D007), lead (D008), mercury (D009), selenium (D010), silver (D011), benzene (D018), carbon tetrachloride (D019), chlorobenzene (D021), chloroform (D022), o-cresol (D023), m-cresol (D024), p-cresol (D025), total cresol (D026), 1,4-dichlorobenzene (D027), 1,2-dichloroethane (D028), 1,1-dichloroethylene (D029), 2,4-dinitrotoluene (D030), hexachlorobenzene (D032), hexachlorobutadiene (D033), hexachloroethane (D034), methyl ethyl ketone (D035), nitrobenzene (D036), pentachlorophenol (D037), pyridine (D038), tetrachloroethylene (D039), trichloroethylene (D040), 2,4,5-trichlorophenol (D041), 2,4,6-trichlorophenol (D042), and vinyl chloride (D043).

More specific information on the waste types (and waste codes) and storage areas are in the draft hazardous waste permit Sections III.B, "Container Storage" and IV.B, "Tank Storage"; Permit Attachment C, "Waste Analysis Plan"; 40 CFR §261 Subpart C, "Characteristics of Hazardous Wastes"; and 40 CFR §261 Subpart D, "Lists of Hazardous Waste."

#### Quantities of Hazardous Wastes

The amount of hazardous wastes that can be stored in each storage unit at the facility is limited by the secondary containment capacity, the unit size, overfill safety margins, possible container storage configurations and stacking, and flammable and combustible storage limitations. As a result, it has been determined that the warehouse container storage area has a combined total of 17,160 gallons of liquid products and liquid wastes capacity at any time. The aboveground storage tank has a 11,400-gallon operating storage capacity and the two drum washer units have an operating storage capacity of 162 gallons each.

### SUMMARY OF BASIS FOR DRAFT PERMIT CONDITIONS

All permit conditions are described below. The description includes: (1) the general permit and general facility conditions; (2) the regulatory authority to require these conditions; and (3) related support documents. All conditions are based on the Hazardous Waste Storage Facility Permit Application dated September 16, 2015, with additional information and revisions dated February 4, 2016; May 20, 2016; and May 31, 2016.

Conditions Applicable to All Permits

The draft permit includes the following general permit conditions required by A.A.C. R18-8-270.A (40 CFR §270.30), A.A.C. R18-8-270.K (40 CFR §270.30(1)(10)), and A.A.C. R18-8-270.L (40 CFR §270.30(1)):

<b>40 CFR §270.30</b>	<b>Requirement Subject</b>	<b>Permit Part</b>
A	Duty to Comply	Condition I.E.1
B	Duty to Reapply	Condition I.E.2
C	Need to Halt or Reduce Activity Not a Defense	Condition I.E.4
D	Duty to Mitigate	Condition I.E.5
E	Proper Operation and Maintenance	Condition I.E.6
F	Permit Actions	Condition I.C
G	Property Rights	Condition I.E.7
H	Duty to Provide Information	Condition I.E.8
I	Inspection and Entry	Condition I.E.9
J	Monitoring and Records	Condition I.E.10
K	Signatory and Certification Requirements	Condition I.E.11
I and L	Reporting Requirements	Condition I.E.12
I(1)	Planned Changes	Condition I.E.12(a)
I(2)	Anticipated Noncompliance	Condition I.E.12(b)
I(3)	Transfers	Condition I.E.12(c)
I(4)	Monitoring Reports	Condition I.E.12(d)
I(5)	Compliance Schedules	Condition I.E.12(e)
I(6)	Twenty-Four Hour Reporting	Condition I.E.13
I(9)	Annual Report (in lieu of Biennial)	Condition I.E.12(h)
I(10) and K	Other Noncompliance	Condition I.E.12(i)
I(11)	Other Information	Condition I.E.14

The draft permit contains the following requirements for recording and reporting of monitoring results required by A.A.C. R18-8-270.A (40 CFR §270.31):

40 CFR §270.31	Requirement Subject	Permit Part
270.31(a)	Use and Maintenance of Monitoring Equipment	Condition II.H Condition IV.D Attachment D (Process Information) Attachment F (Preparedness and Prevention) Attachment G (Contingency Plan) Attachment N (Subpart BB Equipment Leaks) Attachment O (Subpart CC Air Emission Std)
270.31(b)	Monitoring Type, Frequency and Interval	Condition III.G Condition IV.F Attachment D (Process Information) Attachment F (Preparedness and Prevention) Attachment G (Contingency Plan) Attachment N (Subpart BB Equipment Leaks) Attachment O (Subpart CC Air Emission Std)
270.31(c)	Reporting Requirements for Monitoring Results	Condition I.E.12 Condition II.J Condition IV.G Attachment D (Process Information) Attachment F (Preparedness and Prevention) Attachment G (Contingency Plan) Attachment N (Subpart BB Equipment Leaks) Attachment O (Subpart CC Air Emission Std) Attachment P (Manifest System, Recordkeeping and Reporting)

***PROCEDURES FOR REACHING A FINAL DECISION ON THE DRAFT PERMIT***

The administrative record for the draft permit contains all data submitted by the applicant and is available for public inspection Monday-Friday (excluding state holidays) from 8:30 a.m. through 4:30 p.m. at the ADEQ address given below. In addition, a copy of portions of the administrative record (draft modified permit and other relevant documents) is available for public review at the Chandler Public Library, Sunset Branch, 4930 W. Ray Rd, Chandler, AZ, Monday – Thursday from 10am – 8pm; Friday – Saturday from 10am – 6pm; and Sunday from 1 pm to 5 pm.

Arizona Department of Environmental Quality  
 Records Management Center  
 1110 West Washington Street, 1<sup>st</sup> Floor  
 Phoenix, Arizona 85007  
 For appointments call: (602) 771-4380

As required by A.A.C. R18-8-271.L and 40 CFR §124.13, all persons, including applicants, who believe any condition of the draft permit or the tentative decision to prepare and issue this draft proposed permit is inappropriate, must raise all reasonable ascertainable issues and submit all reasonably available arguments and supporting materials by the close of the public comment

period. All comments submitted during the public comment period shall discuss the appropriateness of the draft permit.

**The 45-day public comment period will open on October 23, 2016.** During the public comment period, any interested person may submit written comments on the draft permit. These comments and supporting materials must be delivered or postmarked by the last day of the public comment period (i.e. **December 06, 2016**) to:

Arizona Department of Environmental Quality  
Terry Baer, Manager  
Hazardous Waste Unit  
1110 West Washington Street  
Phoenix, Arizona 85007

All written comments delivered or postmarked by the last day of the public comment period will be considered in ADEQ's final determination regarding the draft permit. After all comments have been considered, a final permit decision will be made by the Director. The applicant, each person who has submitted written or oral comments, and each person who has so requested will receive a notice of this final permit decision. This notice shall include reference to procedures for appealing a decision on a draft permit. The final permit decision shall become effective on the date specified in the final permit notice.

At the time that the final decision is made, the Director shall also issue a response to any significant comments. The response to comments shall consider all items as specified in A.A.C. R18-8-271.O and 40 CFR § 124.17. The response to comments shall be made available to the public for review. Any person who desires to be placed on the mailing list for all future permitting activities for this facility or for facilities in a specific geographic area may request so in writing to the above address, pursuant to A.A.C. R18-8-271.I(c)(1)(ix) and 40 CFR § 124.10(c)(1)(ix)(a).

**PERSON TO CONTACT FOR ADDITIONAL INFORMATION**

For additional information, please contact Terry Baer Manager of the Hazardous Waste Unit of ADEQ at (602) 771-4503 or toll free at (800) 234-5677, extension 771- 4503 or at the ADEQ address above.

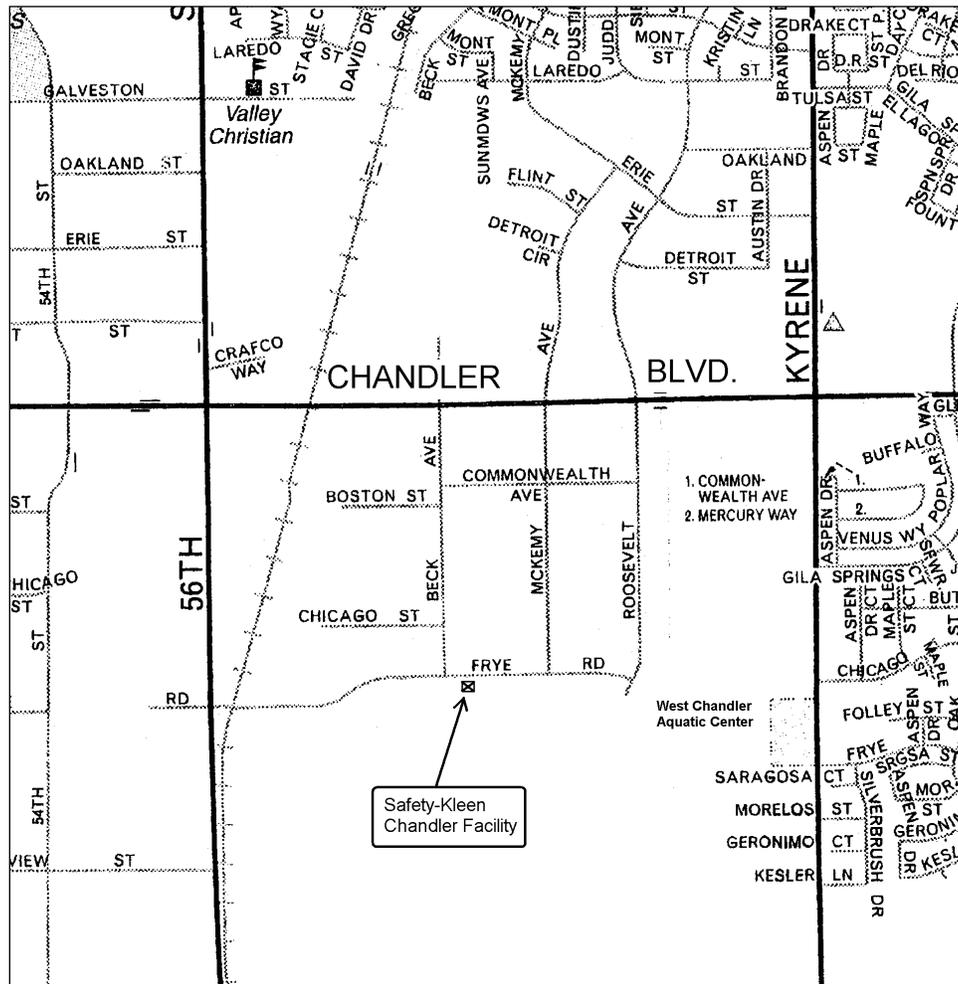


Figure 1. Site Location