



REC'D FEB 11 1991

Safety Kleen

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RECEIVED

FEB 14 1991

HAZARDOUS WASTE
PERMITTING

Certified Mail - Return Receipt Requested

February 11, 1991

Mr. Satish Kastury
Hazardous Waste Section
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

Subject: Tampa Facility
Part I Permit Application

Dear Mr. Kastury,

This submittal has been prepared in accordance with 17-730.231(1), FAC to obtain a temporary operating permit for the subject facility. This application includes the toxic characteristic leaching procedure (TCLP) waste codes, the regulations for which became effective on the federal level on September 25, 1990. Safety-Kleen is submitting the Florida Part I permit application, prior to the Department's adopting the TCLP regulations, to insure that the Tampa facility may store wastes which are hazardous only because they exceed the TCLP standards. Safety-Kleen does not intend to change the management methods for wastes which were regulated prior to September 25, 1990.

The TCLP waste which is being managed is the new immersion cleaner formula, which is stored in drums. Safety-Kleen is also proposing the management of spent antifreeze, which will be stored in a 20,000-gallon tank. The tank has not been constructed. You should note that analyses of the vast majority of spent antifreeze samples have indicated that this waste is not hazardous. However, as a protective measure, an application is being filed to permit the tank to store TCLP wastes.

In accordance with 17-730.231(8), FAC, Safety-Kleen will submit a revised operation permit application, which will include the TCLP wastes described above, by May 20, 1991. Please contact Ms. Melissa Hlebasko, the permit writer for the Florida facilities, on extension 2228 or me on extension 2246 if you have any questions or require additional information.

Sincerely,

Melissa Hlebasko for

Ellen J. Jurczak
Environmental Permits Manager

bcc: F. Blickle, ERM
P. Garvin
M. Hlebasko

Application for a Hazardous Waste Facility Permit

Part I - General

To Be Completed By All Applicants

Please Type or Print

A. General Information

1. Type of Facility:

Disposal ☐ Landfill ☐ Land Treatment ☐ Surface Impoundment ☐ Miscellaneous Units ☐
 Storage ☒ Containers ☒ Tanks ☒ Piles ☐ Surface Impoundment ☐ Miscellaneous Units ☐
 Treatment ☐ Tanks ☐ Piles ☐ Incineration ☐ Surface Impoundment ☐ Miscellaneous Units ☐

2. Type of Application: ☒ TOP ☐ Construction ☐ Operation ☐ Closure ☐ RD&D

3. Application Submittal: ☒ New ☐ Revised

4. Date current operation began (or is expected to begin): June 28, 1985

5. Facility Name: Safety-Kleen Corp. (3-163-01)

6. EPA/DER I.D. No.: FLD 980847271

7. Facility location or street address: 5309 24th St. South, Tampa, FL 33619

8. Facility mailing address: 777 Big Timber Road, Elgin, IL 60123
Street or P.O. Box City State Zip

9. Contact person: Joseph Hartline Telephone: (708) 69708460
 Title: Regional Environmental Engineer

Mailing address: 777 Big Timber Road, Elgin, IL 60123
Street or P.O. Box City State Zip

10. Operator's name: Safety-Kleen Corp. Telephone: (708) 697-8460

11. Operator's address: 777 Big Timber Road, Elgin, IL 60123
Street or P.O. Box City State Zip

12. Facility owner's name: Scott E. Fore

13. Facility owner's address: 777 Big Timber Road, Elgin, IL 60123
Street or P.O. Box City State Zip

14. Legal structure: ☒ Corporation ☐ Non-Profit Corporation ☐ Partnership ☐ Individual
☐ Local Government ☐ State Government ☐ Federal Government ☐ Other

15. If an individual, partnership, or business is performed under an assumed name, specify county and state where name is registered
 County: _____ State: _____

16. If a corporation, indicate state of incorporation Wisconsin

C. Land Use Information

1. Present zoning of the site? LI (Light Industrial)
2. If a zoning change is needed, what should new zoning be? N/A
3. Present land use of site The facility is operating under interim status as a hazardous waste storage facility.

D. Operating Information

1. Is waste generated on site? ☒ Yes ☐ No List the SIC codes (4-digit)
7389 5084 5172 5013
2. Attach a brief description of the facility operation, nature of the business, and activities that generate, treat, store or dispose of hazardous waste.
3. Using the following table and codes provided, specify, (1) each process used for treating, storing, or disposing of hazardous waste (including design capacities) at the facility, and (2) the hazardous waste (or wastes) listed or designated in 40 CFR Part 261 including the annual quantities, to be treated, stored, or disposed by each process at the facility. (See instructions for list of process codes and units).

SEE ATTACHMENT

Process Code	Process Design Capacity and Units of Measure	Hazardous Waste Code	Annual Quantity of Hazardous Waste and Units of Measure

SAFETY-KLEEN COROPORATION
TAMPA, FLORIDA SERVICE CENTER
PART 1 ATTACHMENT

<u>WASTE TYPE:</u>	<u>PROCESS CODE(S):</u>	<u>ESTIMATED ANNUAL AMOUNTS (TONS)</u>	<u>WASTE CODES:</u>
SPENT MINERAL SPIRITS	SO1 SO2	7000	DO01 AND CODES LISTED IN NOTE BELOW
SPENT ETYHLYENE GLYCOL	SO1 SO2	5000	CODES LISTED IN NOTE BELOW
SPENT IMMERSION CLEANER	SO1	268	FOO2, FOO4 AND CODES LISTED IN NOTE BELOW
DRY CLEANING WASTE	SO1	2495	DO01 OR FOO2 AND CODES LISTED IN NOTE BELOW
PAINT WASTE	SO1	531	DO01, F003 AND CODES LISTED IN NOTE BELOW

NOTE: D004, D005, D006, D007, D008, D009, D010, D011,
D018, D019, D021, D022, D023, D024, D025, D026,
D027, D028, D029, D030, D032, D033, D034, D035,
D036, D037, D038, D039, D040, D041, D042, D043

DER Form #	17-730.900(2)
Form Title	Ap. for a Hazardous Waste Facility Permit
Effective Date	June 1, 1990
DER Application No.	(Filed in by DER)

Application for a Hazardous Waste Facility Permit Certification

To be completed by all applicants

1. Operator

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Further, I agree to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department of Environmental Regulation. It is understood that the permit is only transferable in accordance with Section 17-730, FAC, and, if granted a permit, the Department of Environmental Regulation will be notified prior to the sale or legal transfer of the permitted facility.

Scott E. Fore
Signature of the Operator or Authorized Representative*

*Attach a letter of authorization

Scott E. Fore, Vice President - Environment,

Name and Title (Please Type or Print) Health & Safety

Date: 2-5-91 Telephone No. (708) 697-8460

2. Facility Owner

This is to certify that I understand this application is submitted for the purpose of obtaining a permit to construct, operate, or close a hazardous waste management facility on the property as described. As owner of the facility, I understand fully that the facility operator and I are jointly responsible for compliance with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department of Environmental Regulation.

Scott E. Fore
Signature of the Facility Owner or Authorized Representative*

*Attach a letter of authorization

Scott E. Fore, Vice President - Environment,

Name and Title (Please Type or Print) Health & Safety

Date: 2-5-91 Telephone No. (708) 697-8460

3. Land Owner

This is to certify that I, as land owner, understand that this application is submitted for the purpose of obtaining a permit to construct, operate, or close a hazardous waste management facility on the property as described. For hazardous waste disposal facilities, I further understand that I am responsible for providing the notice in the deed to the property required by 40 CFR §264.119 and §265.119, as adopted by reference in Chapter 17-730, FAC.

Scott E. Fore
Signature of the Facility Owner or Authorized Representative*

*Attach a letter of authorization

Scott E. Fore, Vice President - Environment,

Name and Title (Please Type or Print) Health & Safety

Date: 2-5-91 Telephone No. (708) 697-8460

4. Professional Engineer Registered in Florida (Where Required by Chapter 471, F.S. or not exempted by Rule 17-730.220(5), F.A.C.)

This is to certify that the engineering features of this hazardous waste management facility have been designed/examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, this facility, when properly constructed, maintained and operated, or closed, will comply with all applicable statutes of the State of Florida and rules of the Department of Environmental Regulation. Certification applicable to Part I only, in accordance with Safety-Kleen letter dated February 11, 1991

Fredrick W. Blichle, III
Signature

Florida Registration No. 39409

(Please Affix Seal)

FREDERICK W. BLICKLE, III
Name (Please Type)

Mailing address: 9501 PRINCESS PALM AVE, SUITE 100
Street or P.O. Box
TAMPA FL 33619
City State Zip

Date: 2-13-91 Telephone No. (813) 622-8727

ATTACHMENT I.A.21
PERMIT INFORMATION



For EPA Regional Use Only		EPA United States Environmental Protection Agency Washington, DC 20460		For State Use Only	
Date Received Month Day Year [][][][][][]		Hazardous Waste Permit Application Part A (Read the Instructions before starting)			
I. ID Number(s)					
A. EPA ID Number			B. Secondary ID Number (If applicable)		
FLD 980847271					
II. Name of Facility					
S A F E T Y - K L E E N C O R P . (3 - 1 6 3 - 0 1)					
III. Facility Location (Physical address not P.O. Box or Route Number)					
A. Street					
5309 24th AVENUE SOUTH					
Street (continued)					
City or Town				State ZIP Code	
TAMPA				FL 33619 -	
County Code (If known)		County Name			
		HILLSBOROUGH			
B. Land Type		C. Geographic Location		D. Facility Existence Data	
(enter code)		LATITUDE (degrees, minutes, & seconds) LONGITUDE (degrees, minutes, & seconds)		Month Day Year	
P		27 55 21 N 082 23 04 W		06 28 1985	
IV. Facility Mailing Address					
Street or P.O. Box					
777 BIG TIMBER ROAD					
City or Town				State ZIP Code	
ELGIN				IL 60123 -	
V. Facility Contact (Person to be contacted regarding waste activities at facility)					
Name (last)			(first)		
HARTLINE			JOSEPH		
Job Title			Phone Number (area code and number)		
REG. ENV. ENGR.			708 - 697 - 8460		
VI. Facility Contact Address (See Instructions)					
A. Contact Address Location		B. Street or P.O. Box			
[] X		777 BIG TIMBER ROAD			
City or Town				State ZIP Code	
ELGIN				IL 60123 -	

EPA I.D. Number (enter from page 1)

Secondary ID Number (enter from page 1)

FLD980847271

VII. Operator Information (see instructions)

Name of Operator

SAFETY - KLEEN CORP.

Street or P.O. Box

777 BIG TIMBER ROAD

City or Town

ELGIN

State

ZIP Code

IL

60123-

Phone Number (area code and number)

708-697-8460

B. Operator Type

C. Change of Operator Indicator

Date Changed

Month Day Year

P

Yes

No

X

VIII. Facility Owner (see instructions)

A. Name of Facility's Legal Owner

SAFETY-KLEEN CORP.

Street or P.O. Box

777 BIG TIMBER ROAD

City or Town

ELGIN

State

ZIP Code

IL

60123-

Phone Number (area code and number)

708-697-8460

B. Owner Type

C. Change of Owner Indicator

Date Changed

Month Day Year

P

Yes

X

No

121986

IX. SIC Codes (4-digit, in order of significance)

Primary

Secondary

7389

(description)

BUSINESS SERVICES, N.E.C.

5172

(description)

PETROLEUM PRODUCT WHOLESALERS

Secondary

Secondary

5084

(description)

INDUSTRIAL MACHINERY & EQUIPMENT

5013

(description)

AUTOMOTIVE PARTS & SUPPLIES

X. Other Environmental Permits (see instructions)

A. Permit Type
(enter code)

B. Permit Number

C. Description

EPA I.D. Number (enter from page 1)

Secondary ID Number (enter from page 1)

FLD980847271

XI. Nature of Business (provide a brief description)

THIS FACILITY INCLUDES A LOCAL SALES/SERVICE OFFICE AND ACCUMULATION/DISTRIBUTION WAREHOUSE AND TANKS FOR SPENT SOLVENTS AND ANTIFREEZE (WHICH ARE RECLAIMED BY SAFETY-KLEEN AT A DIFFERENT LOCATION) AND PRODUCTS (WHICH INCLUDE SMALL PARTS CLEANING EQUIPMENT, SOLVENTS, ANTIFREEZE, HAND CLEANER, FLOOR SOAP AND OTHER ALLIED PRODUCTS). SAFETY-KLEEN COLLECTS THE SPENT SOLVENT AND ANTIFREEZE FROM ITS CUSTOMERS ON A PERIODIC BASIS AND ACCUMULATES IT, EITHER IN A STORAGE TANK OR IN A CONTAINER STORAGE AREA. THE MAJORITY OF SAFETY-KLEEN'S CUSTOMERS ARE CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS. ONCE A SUFFICIENT QUANTITY OF SPENT MATERIAL IS COLLECTED, A TANKER TRUCK OR BOX TRAILER TRUCK IS DISPATCHED FROM A SAFETY-KLEEN RECLAMATION FACILITY TO COLLECT THE WASTE AND BRING IT TO THE RECLAMATION FACILITY FOR ITS MANAGEMENT.

XII. Process - Codes and Design Capacities

- A. **PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Twelve lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided in Item XIII.
- B. **PROCESS DESIGN CAPACITY** - For each code entered in column A, enter the capacity of the process.
1. **AMOUNT** - Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process unit.
 2. **UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.
- C. **PROCESS TOTAL NUMBER OF UNITS** - Enter the total number of units used with the corresponding process code.

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	UNIT OF MEASURE	UNIT OF MEASURE CODE
D79	<u>DISPOSAL:</u> INJECTION WELL	GALLONS; LITERS; GALLONS PER DAY; OR LITERS PER DAY	GALLONS	G
D80	LANDFILL	ACRE-FEET OR HECTARE-METER	GALLONS PER HOUR	E
D81	LAND APPLICATION	ACRES OR HECTARES	GALLONS PER DAY	U
D82	OCEAN DISPOSAL	GALLONS PER DAY OR LITERS PER DAY	LITERS	L
D83	SURFACE IMPOUNDMENT	GALLONS OR LITERS	LITERS PER HOUR	H
S01	<u>STORAGE:</u> CONTAINER (barrel, drum, etc.)	GALLONS OR LITERS	LITERS PER DAY	V
S02	TANK	GALLONS OR LITERS	SHORT TONS PER HOUR	D
S03	WASTE PILE	CUBIC YARDS OR CUBIC METERS	METRIC TONS PER HOUR	W
S04	SURFACE IMPOUNDMENT	GALLONS OR LITERS	SHORT TONS PER DAY	H
T01	<u>TREATMENT:</u> TANK	GALLONS PER DAY OR LITERS PER DAY	METRIC TONS PER DAY	S
T02	SURFACE IMPOUNDMENT	GALLONS PER DAY OR LITERS PER DAY	POUNDS PER HOUR	J
T03	INCINERATOR	SHORT TONS PER HOUR; METRIC TONS PER HOUR; GALLONS PER HOUR; LITERS PER HOUR; OR BTU'S PER HOUR	KILOGRAMS PER HOUR	R
T04	OTHER TREATMENT	GALLONS PER DAY; LITERS PER DAY; POUNDS PER HOUR; SHORT TONS PER HOUR; KILOGRAMS PER HOUR; METRIC TONS PER DAY; METRIC TONS PER HOUR; OR SHORT TONS PER DAY	CUBIC YARDS	Y
	(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundment or incinerators. Describe the processes in the space provided in Item XIII.)		CUBIC METERS	C
			ACRES	B
			ACRE-FEET	A
			HECTARES	O
			HECTARE-METER	F
			BTU's PER HOUR	X

EPA I.D. Number (enter from page 1)

Secondary ID Number (enter from page 1)

FLD980847271

XII. Process - Codes and Design Capacities (continued)

EXAMPLE FOR COMPLETING ITEM XII (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line Number	A. PROCESS CODE (from list above)				B. PROCESS DESIGN CAPACITY		C. PROCESS TOTAL NUMBER OF UNITS	FOR OFFICIAL USE ONLY			
					1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)					
X 1	S	0	2		600	G	0 0 2				
X 2	T	0	3		20	E	0 0 1				
1	S	0	1		49,104	G	0 0 2				
2	S	0	2		35,000	G	0 0 2				
3											
4											
5											
6											
7											
8											
9											
1 0											
1 1											
1 2											

NOTE: If you need to list more than 12 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for additional treatment processes in Item XIII.

XIII. Additional Treatment Processes (follow instructions from Item XII)

Line Number (enter numbers in sequence with Item XII)	A. PROCESS CODE				B. TREATMENT PROCESS DESIGN CAPACITY		C. PROCESS TOTAL NUMBER OF UNITS	D. DESCRIPTION OF PROCESS
					1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)		
	T	0	4					
	T	0	4					
	T	0	4					
	T	0	4					

F	L	D	9	8	0	8	4	7	2	7	1
---	---	---	---	---	---	---	---	---	---	---	---

A. **EPA HAZARDOUS WASTE NUMBER** - Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. **ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. **UNIT OF MEASURE** - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

DL PROCESSES

1. PROCESS CODES:

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item XI A, on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that processes that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. Enter the first two as described above.
2. Enter "000" in the extreme right box of item XIV-D(7).
3. Enter in the space provided on page 7, item XIV-E, the line number and the additional code(s).

2. **PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form (D.(2)).

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER- Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

[illegible]

EPA I.D. Number (enter from page 1)

Secondary ID Number (enter from page 1)

FLD980847271

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)					B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES										(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
								(1) PROCESS CODES (enter)										
	1	D	0	0	1	7007	T	S	0	1	S	0	2					
	2	D	0	0	4													INCLUDED WITH ABOVE
	3	D	0	0	5													INCLUDED WITH ABOVE
	4	D	0	0	6													INCLUDED WITH ABOVE
	5	D	0	0	7													INCLUDED WITH ABOVE
	6	D	0	0	8													INCLUDED WITH ABOVE
	7	D	0	0	9													INCLUDED WITH ABOVE
	8	D	0	1	0													INCLUDED WITH ABOVE
	9	D	0	1	1													INCLUDED WITH ABOVE
1	0	D	0	1	8													INCLUDED WITH ABOVE
1	1	D	0	1	9													INCLUDED WITH ABOVE
1	2	D	0	2	1													INCLUDED WITH ABOVE
1	3	D	0	2	2													INCLUDED WITH ABOVE
1	4	D	0	2	3													INCLUDED WITH ABOVE
1	5	D	0	2	4													INCLUDED WITH ABOVE
1	6	D	0	2	5													INCLUDED WITH ABOVE
1	7	D	0	2	6													INCLUDED WITH ABOVE
1	8	D	0	2	7													INCLUDED WITH ABOVE
1	9	D	0	2	8													INCLUDED WITH ABOVE
2	0	D	0	2	9													INCLUDED WITH ABOVE
2	1	D	0	3	0													INCLUDED WITH ABOVE
2	2	D	0	3	2													INCLUDED WITH ABOVE
2	3	D	0	3	3													INCLUDED WITH ABOVE
2	4	D	0	3	4													INCLUDED WITH ABOVE
2	5	D	0	3	5													INCLUDED WITH ABOVE
2	6	D	0	3	6													INCLUDED WITH ABOVE
2	7	D	0	3	7													INCLUDED WITH ABOVE
2	8	D	0	3	8													INCLUDED WITH ABOVE
2	9	D	0	3	9													INCLUDED WITH ABOVE
3	0	D	0	4	0													INCLUDED WITH ABOVE
3	1	D	0	4	1													INCLUDED WITH ABOVE
3	2	D	0	4	2													INCLUDED WITH ABOVE
3	3	D	0	4	3													INCLUDED WITH ABOVE

Secondary ID Number (enter from page 1)

[illegible]

O. PROCESSES

[illegible]

XIV. Description of Hazardous Waste (continued)

Line
lumber

XV. Map

XVI. Facility Drawing

XVII. Photographs

XVIII. Certification(s)

Owner Signature: _____

Date Signed *3-17-61*

Name and Official Title (type or print)

SCOTT E. FORE - VICE PRESIDENT, ENVIRONMENT, HEALTH AND SAFETY

Operator Signature

Date Signed
4 - 7 - 91

Name and Official Title (type or print)

SCOTT E. FORE - VICE PRESIDENT, ENVIRONMENT, HEALTH AND SAFETY

XIX. Comments

The "F" waste streams listed on lines 1, 2, and 4 of page 2 of 2 of Section XIV are also toxic characteristic. The waste codes listed on lines 2 through and including 33 on page 1 of 2 of Section XIV also apply to these wastes.

ATTACHMENT I.B.3
FACILITY LAYOUT AND PHOTOGRAPHS



Notes: This Parcel as described is in zone "B" as defined
National Flood Insurance Program.
(Community Panel No. 22012 6167 L)

Drawings as indicated refer to an assumed north.

Bureau of: The West 435.00 feet of the East 435.00 feet of North 150.00 feet of TANCY 3, in the Southwest 1/4 of Section 21 South, Range 19 East, SOUTH TAMPA SUBDIVISION, to say as plat thereof as recorded in First Book 6, Page 1 of Public Records of Hillsborough County, Florida.

This certifies that we have made a survey of the above described property and that the survey and this plat conforms to the minimum technical standards set forth by the Florida State Land Surveyors, pursuant to Section 324.03, Florida Statutes.

August 26, 1981

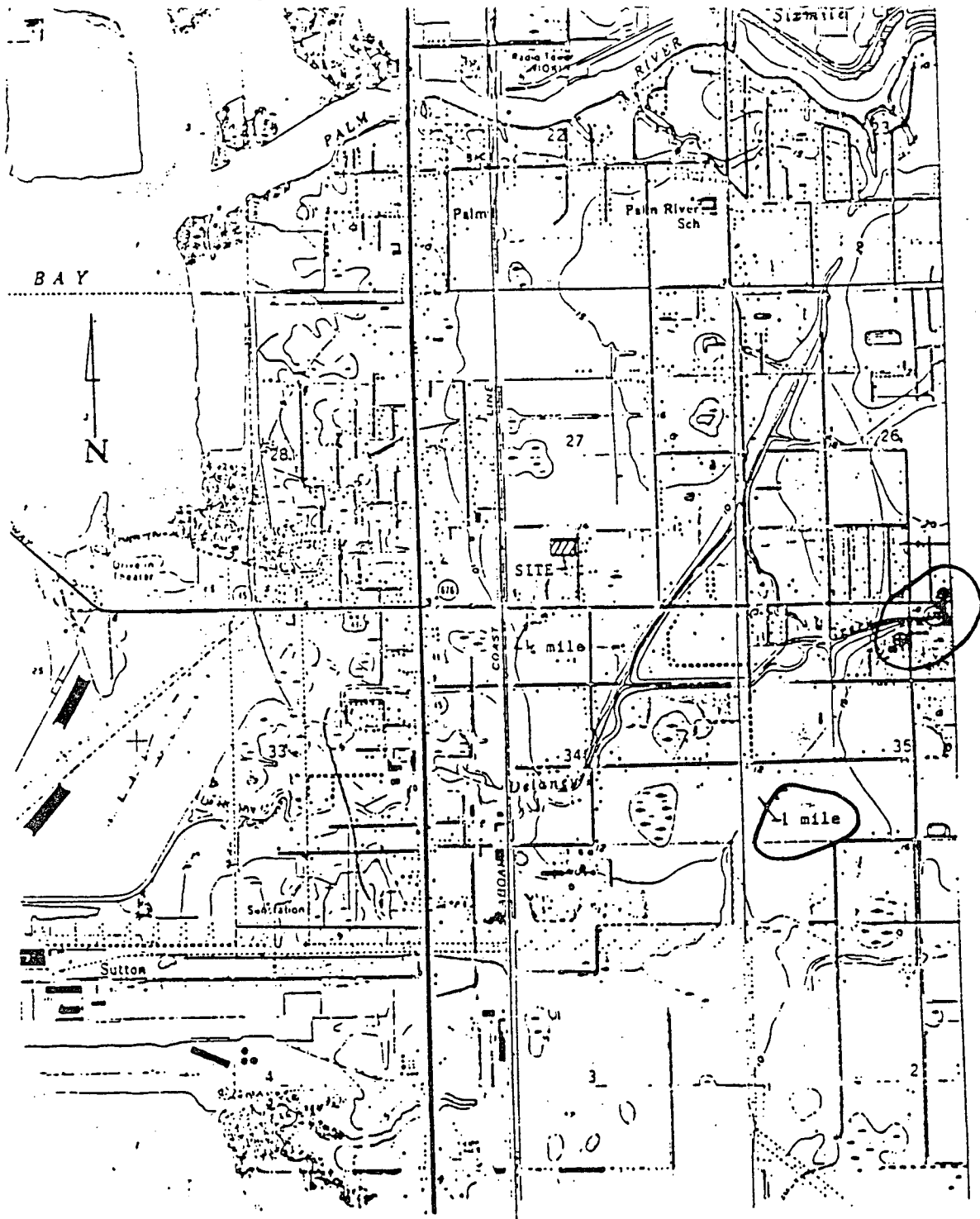
For Safety Alarm
JA Job No. 2071361



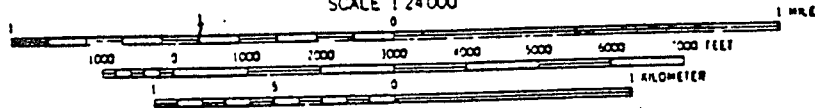
Safety-Kleen Corp.
 10000 W. 10th Ave. Suite 100
 Denver, CO 80231
 (303) 751-1111

SITE PLAN

10000 W. 10th Ave. Suite 100
 Denver, CO 80231
 (303) 751-1111



SCALE 1:24,000



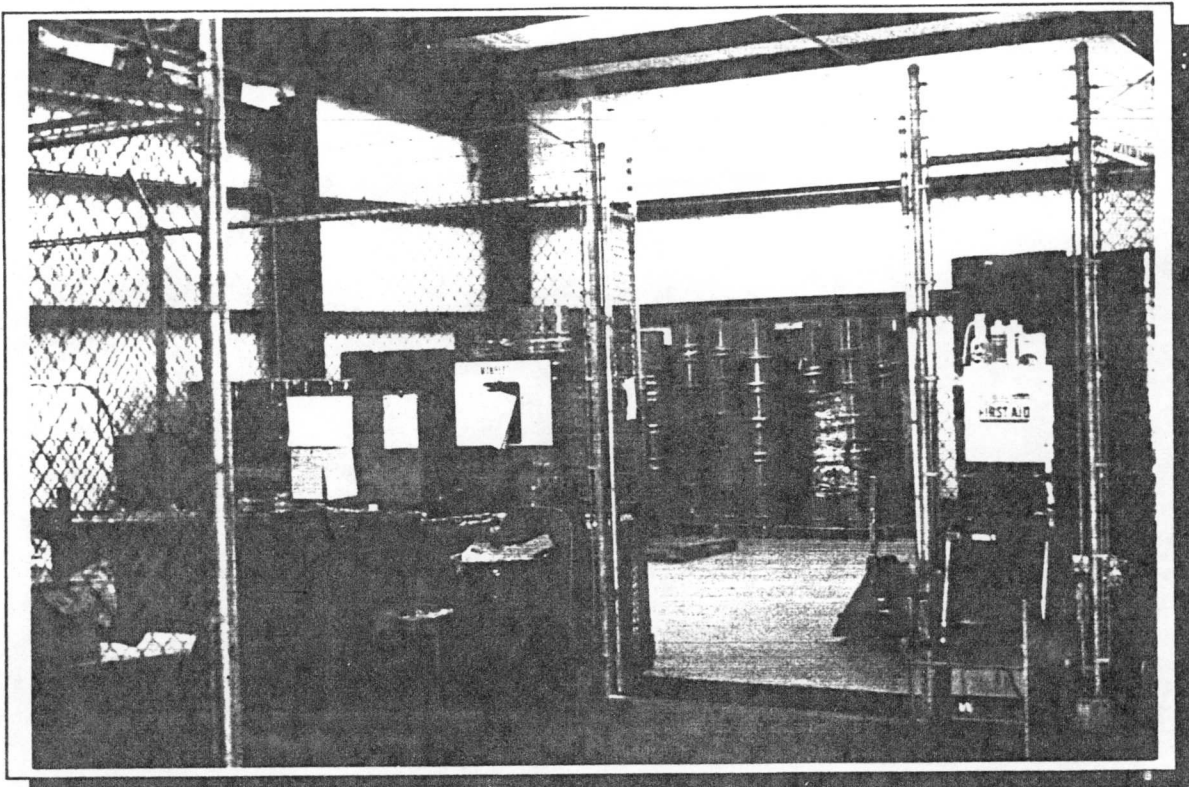
CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

TAMPA, FLA.

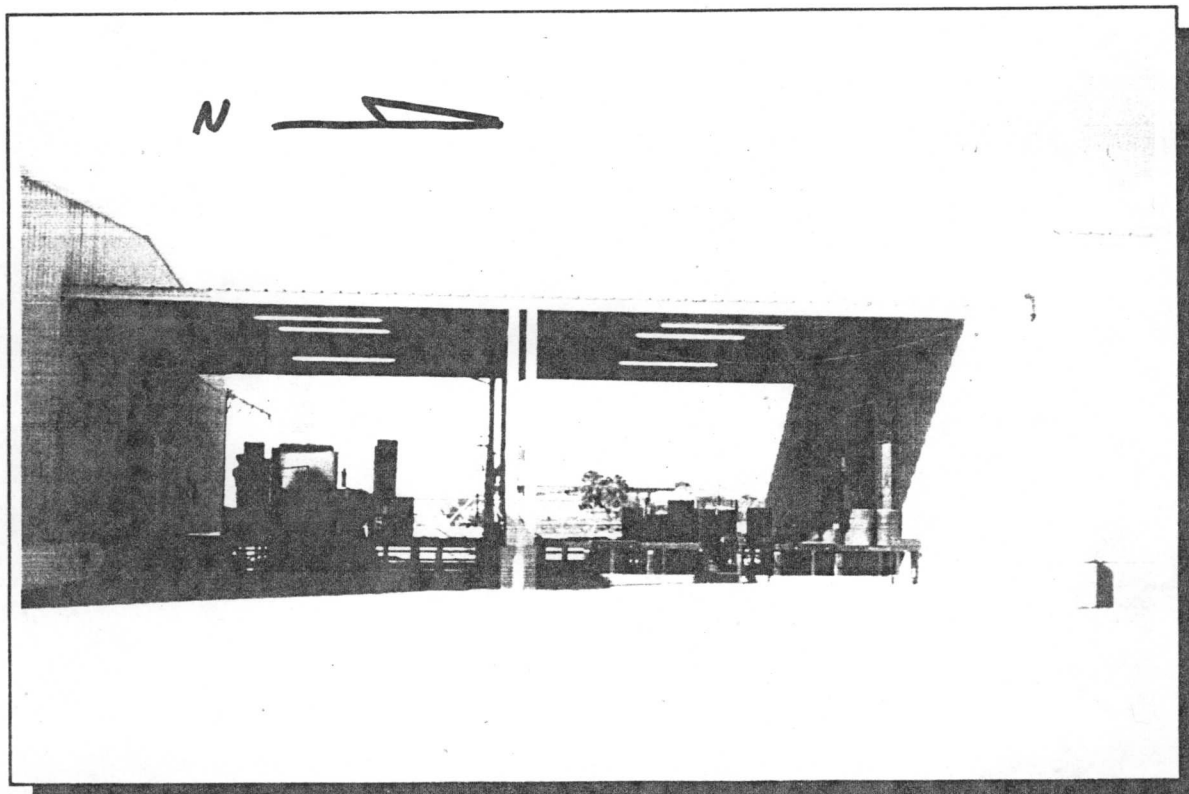
N2752.5-W8222.5/7.5

1956
PHOTOREVISED 1969
AMS 4539 IV NW-SERIES V847

⊕ - Well Location

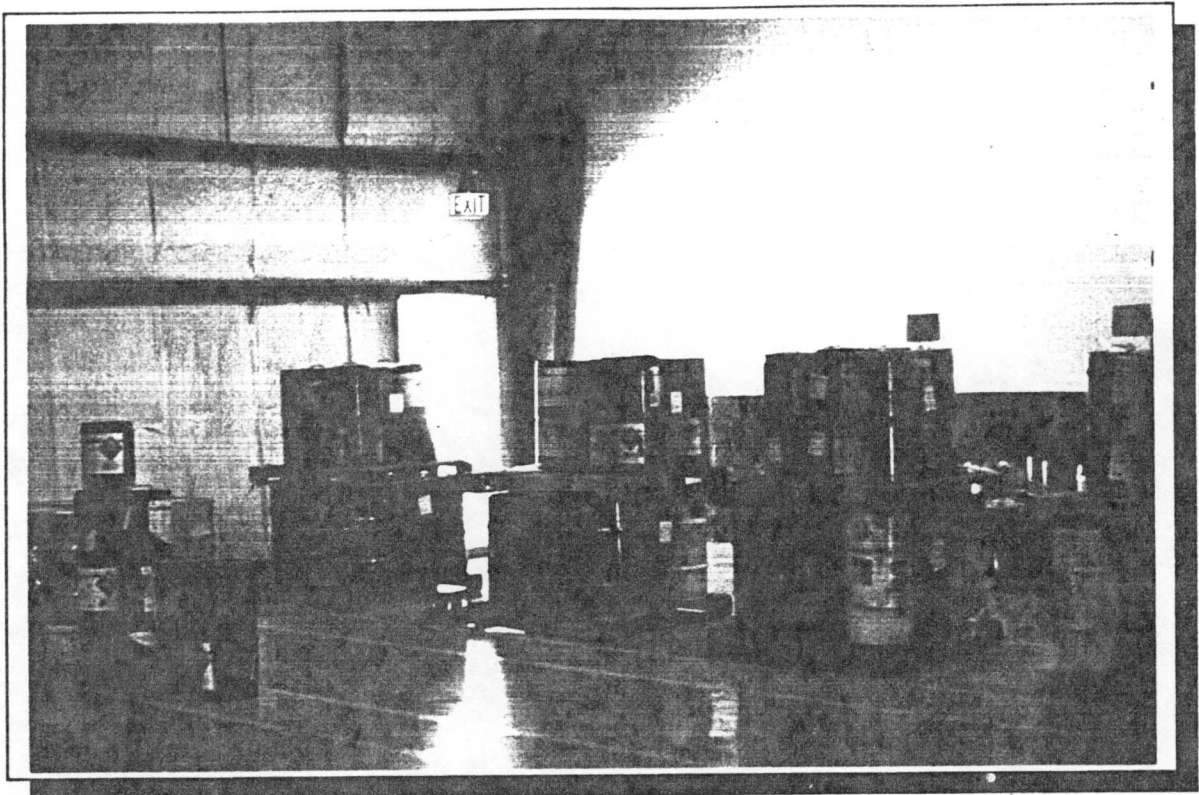


Service center secured storage area (view from the east).

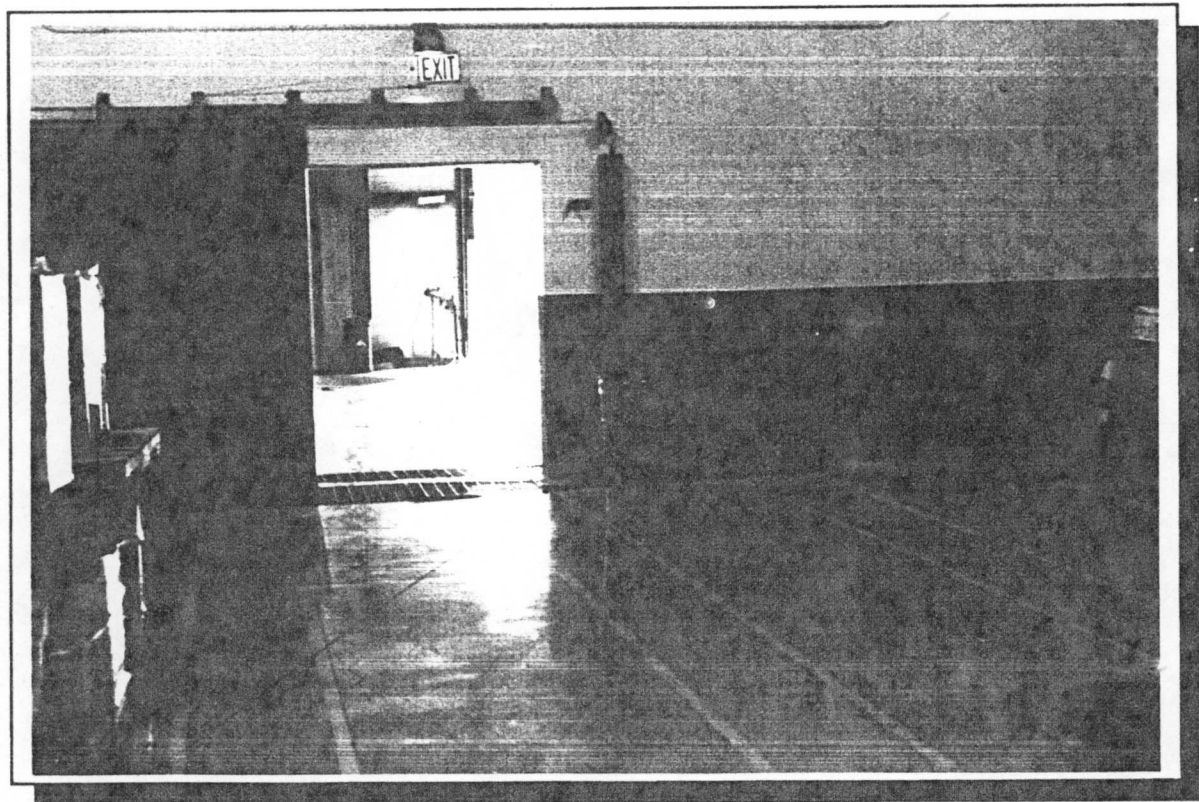


Return/fill area (view from the east).

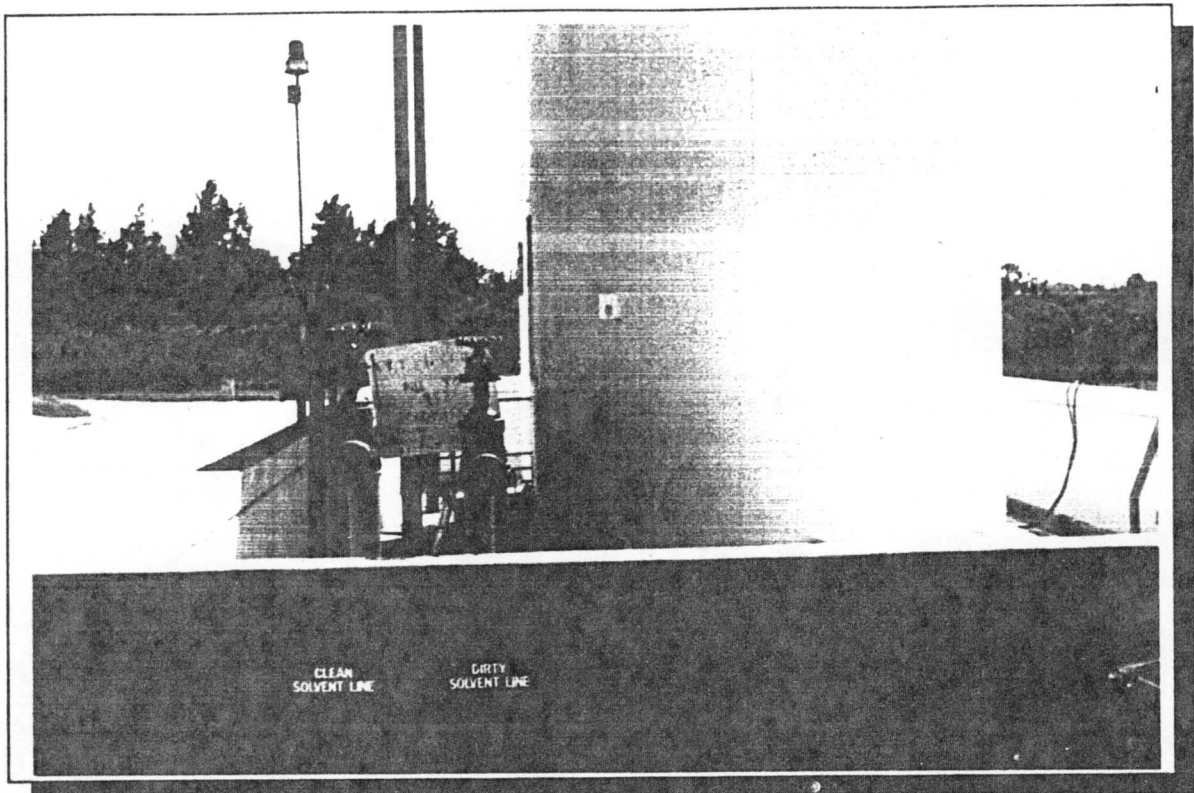




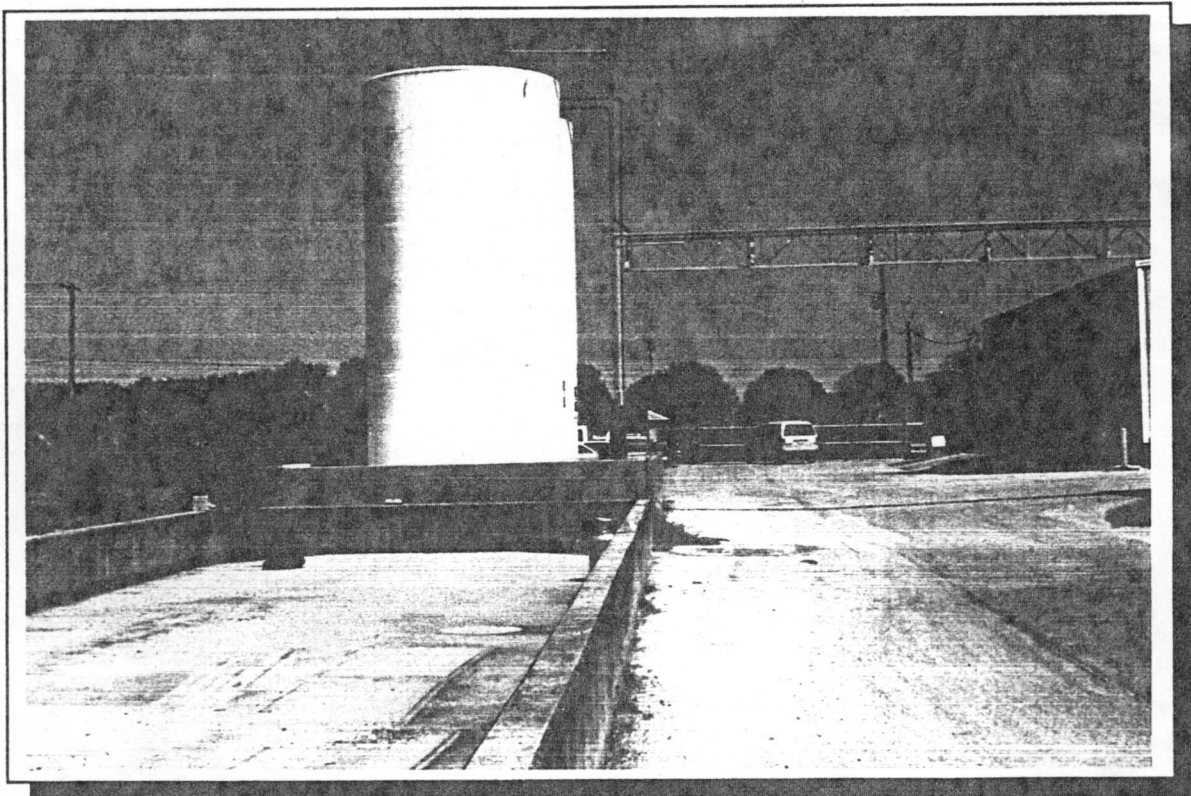
Drum accumulation storage center (view from southeast).



Accumulation center--flammable storage (view from the west).

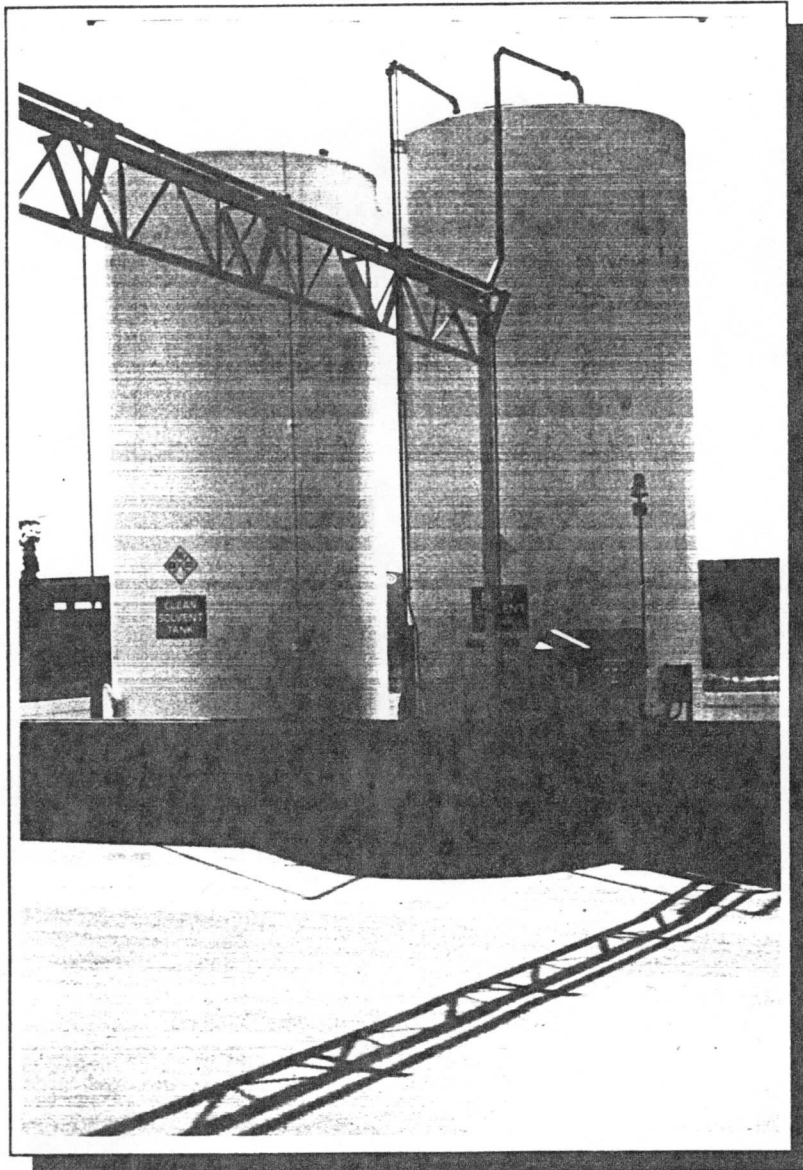


Used and fresh mineral spirits tanks, containment area, and loading area (view from the north).



(View from the south)





Used and fresh mineral spirits tanks and containment area (view from the east).



ATTACHMENT I.B.4
TOPOGRAPHY MAP OF THE SITE



ATTACHMENT I.B.4 TOPOGRAPHIC MAP OF THE SITE

A USGS topographic map is supplied in this section to provide information requested (Figure I.B.4-1). However, due to the small size of the site, all of the information requested under I.B.4 of the application form cannot be placed on one map. Therefore, additional maps are referenced that provide information requested.

1. Map scale and dates:

Supplied on all maps.

2. 100-year floodplain area:

Based on information available (Figure I.B.4-2), the facility does not lie within the 100-year flood plain. However, this area lies outside of any previous studies conducted by the Federal Emergency Management Agency, preparers of the National Flood Insurance Rate Maps.

3. Orientation of map:

Supplied on all maps.

4. Surface water bodies within one-quarter mile of the facility property boundary (e.g., intermittent streams and springs):

With the exception of the onsite retention pond, there are no surface water bodies within a one-quarter-mile radius of the facility, as shown in Figure I.B.4-1.

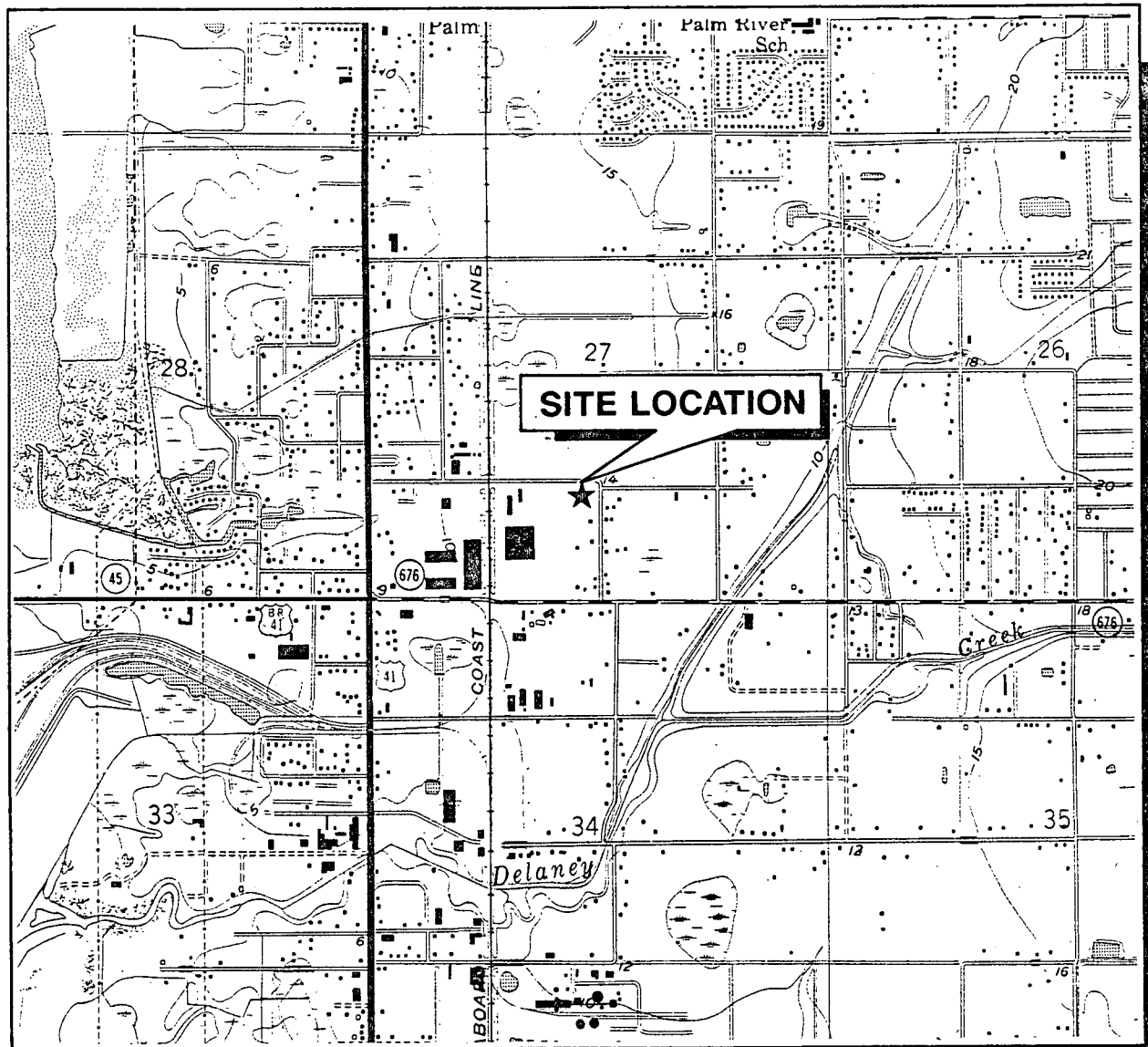
5. Surrounding land uses:

See Figure I.B.4-3.



Figure I.B.4.1 Topographical Map Safety-Kleen Corp. Facility Tampa, Florida

TAMPA QUADRANGLE
FLORIDA—HILLSBOROUGH
7.5 MINUTE SERIES (TOPOGRAPHIC)



T. 29 S.
T. 30 S.

R. 19 E.

1956
PHOTOREVISED 1981
DMA 4539 IV NW-SERIES V847



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FEET



QUADRANGLE LOCATION

The
ERM
Group®

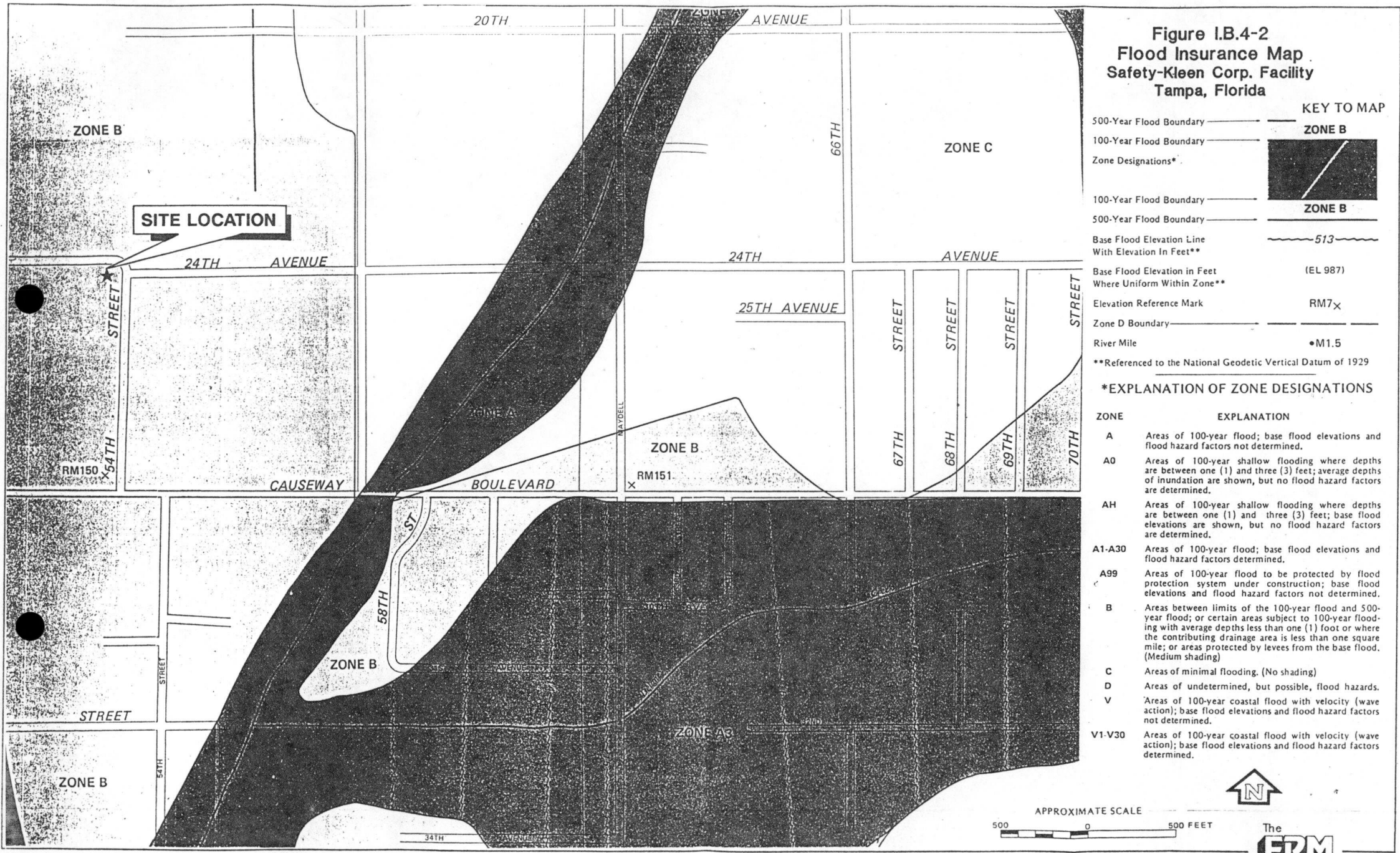
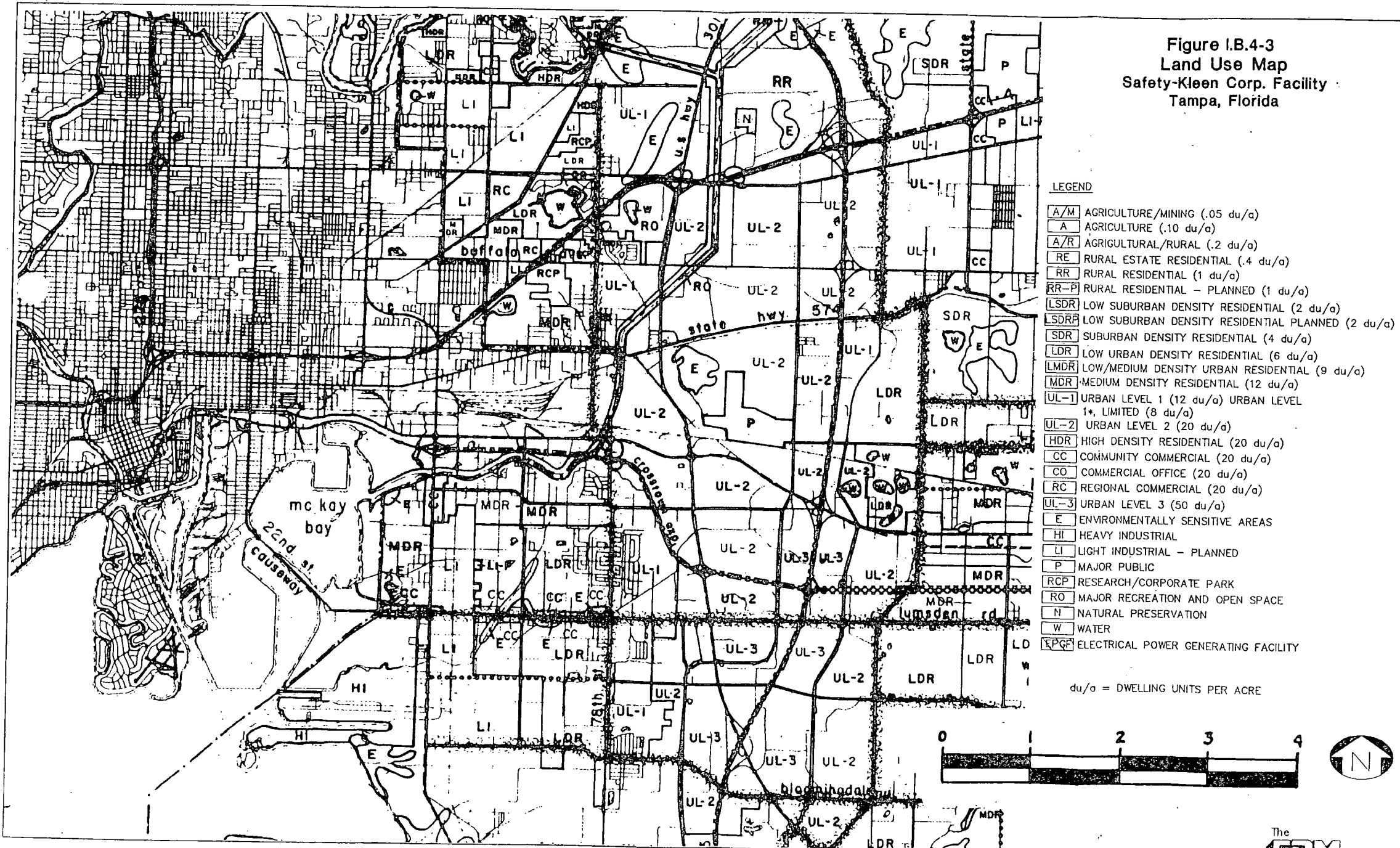


Figure I.B.4-3
Land Use Map
Safety-Kleen Corp. Facility
Tampa, Florida



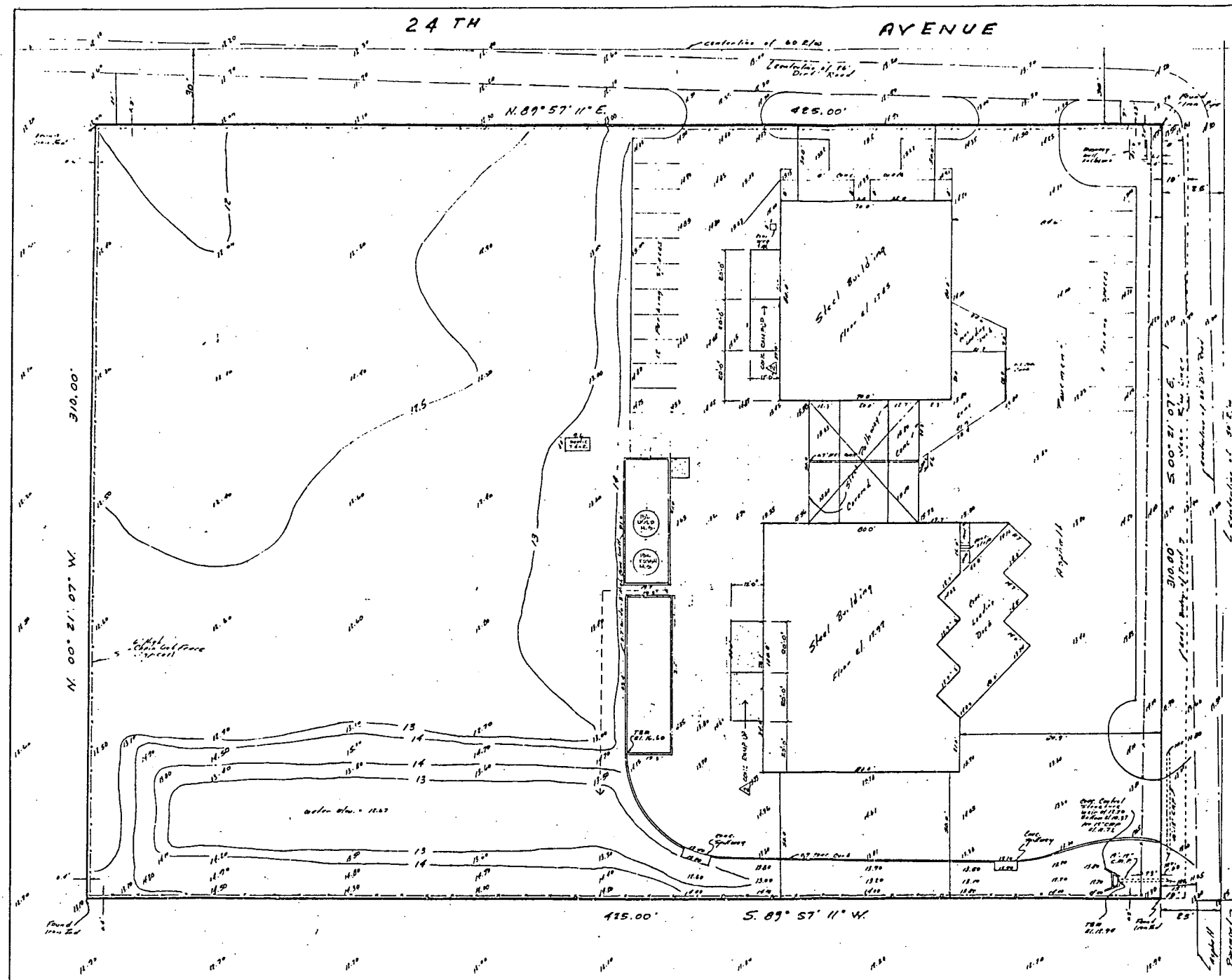


Figure I.B.4-4
Legal Boundaries
Safety-Kleen Corp. Facility
Tampa, Florida

Notes: This Parcel as described is in zone "B" as defined by the National Flood Insurance Program (Community Panel No. 120112 0367 C)
 Bearings as indicated refer to an assumed meridian.

111 BIG TAMER ROAD • ELEM ALHAMBRA MD20 PHONE 310 991-6480	
EXIST. SITE PLAN	
DATE: 9/15/87 DRAWN BY: JRM CHECKED BY: JRM	SCALE: 1"=20' NORTH:
FPM SERVICE CENTER BRANCH: TAMPA, FL. (9-105-81) D12301	

Survey of: The West 425.00 feet of the East 435.00 feet of the North 110.00 feet of TRACT 9, in the Southwest 1/4 of Section 27, Township 29 South, Range 19 East, SOUTH TAMPA SUBDIVISION, according to map or plat thereof as recorded in Plat Book 6, Page 3 of the Public Records of Hillsborough County, Florida.

This certifies that we have made a survey of the above described property and that the survey and this plat conforms to the minimum technical standards set forth by the Florida Board of Land Surveyors, pursuant to Section 472.027, Florida Statutes.
 August 28, 1987

JOHN KELLEY, LAND SURVEYOR, INC.

John Kelley
 JRM
 AUG 28 1987

For: Safety Kleen
 JK Job No. P873581

Scale: 1"=20' North

6. Legal boundaries of the facility:

See Figure I.B.4-4.

7. Injection wells

No injection wells are used by the facility.

8. Drinking water wells listed in public records or otherwise known to the applicant within one-quarter mile of the facility property boundary:

The well survey is presented in Table I.B.4-1.

9. Intake and discharge structures within one mile:

There are no known intake or discharge structures within one mile.

Table I.B.4-1

DATE 12/28/90 22:22:52		SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT										PAGE 1	
RDB0055		WELL CONSTRUCTION PERMITTING											
		PERMIT SUMMARY FROM: 00/00/00 TO 99/99/99											
		BY: COUNTY: BASIN: S:27 - 27 T:29 R:19 DEPTH: 0 TO 9999 DIAMETER: 0 TO 99 METHOD: USE: CASE DEPTH:											

Table I.B.4-1 (continued)

DATE 12/28/90 22:22:52

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

PAGE 2

WELL CONSTRUCTION PERMITTING

R000055

PERMIT SUMMARY FROM: 00/00/00 TO 99/99/99

BY: COUNTY: BASIN: S:27 - 27 T:29 R:19 DEPTH: 0 TO 9999 DIAMETER: 0 TO 99 METHOD: USE: CASE DEPTH:

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337189	E	1097	D	11	057	0	0	272919	3	53	70	0	C	15					000000					NO	LILLARD, G	
337799	E	1232	D	11	057	0	0	272919	3	42	120	0	R	7					000000					NO	MURRAY, J F	
341884	E	1162	D	11	057	0	0	272919	3																	MULION, A
347993	C	1097	D	13	057	0	0	272919	3	45	76	0	C	6					000000					NO	WRIGHT, FRED E,	
360031	N	1097	D	11	057	0	0	272919	3	***	CANCELLED	***														LOVE, RUGYEN
373042	C	2071	D	11	057	0	0	272919	3	42	57	N	0	C	10				000000					NO	PEREZ, ULYSSES	
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313556	E	0000	D	11	057	0	0	272919	4	51	91	0	C	10				000000					NO	W P CUMMINS		
319713	F	0000	D	11	057	0	0	272919	4	61	82	0	C	15				000000					NO	H PATE		
330077	E	0000	D	11	057	0	0	272919	4	45	60	0	C	45				000000					NO	L SEGUETRA		
339352	E	1097	D	11	057	0	0	272919	4	31	57	0	C	0				000000					NO	PEREZ, A		
351808	C	2008	D	11	057	0	0	272919	4	52	90	0	C	10				000000					NO	CAPAZ, MS. MARY J.		
352239	C	2035	D	13	057	0	0	272919	4	0	174	0	C	14				000000					NO	SHAWVER CONST		
352240	C	2035	D	13	057	0	0	272919	4	52	118	0	C	0				000000					NO	SHAWVER CONST		
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355061	N	1598	D	11	057	0	0	272919	4	***	CANCELLED	***														MITCHELL, VOIE
356628	C	2035	D	14	057	0	0	272919	4	52	142	0	C	16				000000					NO	KELLEY, GENF		
358801	C	1097	D	15	057	0	0	272919	4	32	48	0	C	0				000000					NO	REYNOLDS, FRANK		
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371165	C	2035	D	13	057	0	0	272919	4	52	140	0	C	16				000000					NO	SHAWVER CONST		
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417511	I	1043	D	11	057	0	0	272919	4	50	60	N	0	C	12				0000					NO	CLOUTS, SARAH G	
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420437	I	2830	D	11	057	0	0	272919	4	52	70	0	C	18				0000					NO	FOLSON, LUGENE		
428968	I	2405	D	11	057	3	4	272919	4	42	120	0	C	3				0000					NO	ALLSTATE HOMES		
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470766	I	2169	D	13	057	0	0	272919	4	42	75	0	C	8				0000					NO	KRAWCZYK, JOSEPH A.		

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**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING**

PAGE 3

REBO755

PERMIT SUMMARY FROM: 00/00/00 TO 99/99/99

BY: COUNTY: BASIN: S:27 - 27 T:29 R:19 DEPTH: 0 TO 9999 DIAMETER: 0 TO 99 METHOD: USE: CASE DEPTH:

[illegible]

Table I.B.4-1 (continued)

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		WELL CONSTRUCTION PERMITTING																																			
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BY: COUNTY:		RASIN:		S:34 - 34		T:29 R:19		DEPTH:		0 TO 9999		DIAMETER:		0 TO 99		METHOD:		USE:		CASE DEPTH:																	
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T		B		G		E		P		C		H		I		S				L																	
A		A		R		ATV		M		I		S								T																	
T		S		O		N		C		L		R		U						H																	
U		I		U		B		A		O		J		L						T																	
LIC		T		H		S		I		R		L								H																	
S		N		Y		Q		S		T		R								OWNER NAME																	
FERMIT		S		NUMBR		E		N		Y		QQQ		S		T		R		A																	
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Table I.B. 4-1 (continued)

DATE 12/28/90 22:34:54		SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT														PAGE 2	
		WELL CONSTRUCTION PERMITTING															
REPO055		PERMIT SUMMARY FROM: 00/00/00 TO 99/99/99															
BY: COUNTY:		BASIN:		S:34 - 34		T:29 R:19		DEPTH:		0 TO 9999		DIAMETER:		0 TO 99		METHOD: USE: CASE DEPTH:	

Table I.B.4-1 (continued)

DATE 12/28/90 22:34:54		SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT																		PAGE 3	
		WELL CONSTRUCTION PERMITTING																			
RDE0755		PERMIT SUMMARY FROM: 00/00/00 TO 99/99/99																			
		BY: COUNTY: BASIN: S:34 - 34 T:29 R:19 DEPTH: 0 TO 9999 DIAMETER: 0 TO 99 METHOD: USE: CASE DEPTH:																			

ATTACHMENT I.D.2
DESCRIPTION OF FACILITY OPERATION

ATTACHMENT I.D.2
DESCRIPTION OF FACILITY OPERATION

DESCRIPTION OF THE BUSINESS

Safety-Kleen Corp. of Elgin, Illinois is an international, service-oriented company whose customers are primarily engaged in automotive repair and industrial maintenance. Since 1968, Safety-Kleen has been offering a leasing service for hydrocarbon and chlorinated solvents and small parts washing equipment. A unique feature of this business concept is that the solvent is produced through recycling the used solvent that is leased to the customers. Approximately two-thirds of the clean solvent leased has been previously used by the customers.

The Safety-Kleen parts washing equipment, together with the solvents, are leased to customers; the leasing charge includes regularly scheduled solvent changes and machine maintenance. The business is conducted from local service centers (sales branches) located in 45 states domestically that warehouse the products and equipment required to service the customers in their sales areas. On a regular basis, service representatives furnish clean solvent to the customers, pick up the used solvent, and ensure that the leased equipment is in good working order. In 1979, Safety-Kleen expanded their scope of operations to make their solvent leasing service available to owners of parts cleaning equipment, regardless of manufacturer, using Safety-Kleen's types of solvents.

Basically, Safety-Kleen handles three types of parts washer solvents: a mineral spirits solvent and old and new formulations of immersion cleaner. The old immersion cleaner solvent is labeled under the trade name of "Immersion Cleaner and Carburetor and Cold Parts Cleaner #609." It is a two-phase system consisting of an upper aqueous (water) layer and lower non-aqueous (solvent) layer. The water phase consists of water and Dresinate TX (sodium soap of tall oil). The solvent phase is composed of methylene chloride, orthodichlorobenzene, cresylic acid, and an amines additive. A new immersion cleaner is being marketed under the name #699 and will eventually replace the old

immersion cleaner. It is a non-chlorinated solvent mixture. The solvent is composed of heavy aromatic naphtha, N-methyl-2-pyrrolidone dipropylene glycol methyl ether, monoethanolamine and oleic acid. It contains a maximum of 1 percent total chlorinated solvents. The solvents are distributed and collected by their service representatives. Drums are transported in specially-equipped, enclosed route trucks. Clean solvents are distributed from and used solvents returned to the service center where they are stored in separate tanks for the clean and used mineral spirits bulk storage. Warehouse space is dedicated for the storage of both clean and used immersion cleaner drums. Safety-Kleen leases parts washing equipment, including partially filled 16- and 30-gallon drums, which double as the solvent reservoir of the parts washer. During servicing, the quantity of used solvent removed from each machine ranges from 5 to 20 gallons. The mineral spirits are collected in 16- and 30-gallon red steel drums. The 609 Immersion Cleaner is housed in 16-gallon gray steel drums. A 16-gallon gray steel drum with a red band is used for 699 Immersion Cleaner. The perchloroethylene from dry cleaning operations is collected in 16-gallon black poly drums.

Periodically, a company truck is dispatched from one of Safety-Kleen's nationwide solvent recycle facilities to the service center to deliver a load of clean solvent and pick up a load of used solvent. Mineral spirits are transported in bulk tank trucks between the service centers and the recycle facilities. The Immersion Cleaner remain in the covered drums during transfer between the service centers and the recycle facilities. Approximately 97 percent of the solvent handled in the parts washer business is mineral spirits, while the remainder is immersion cleaner.

Safety-Kleen's solvent cycle is essentially a closed loop, moving from the service center to the customer, from the customer to the service center, from the service center to the recycle facility and then from the recycle center back to the service center. The small quantities of residue remaining in the storage tanks at the service centers and after distillation of the used solvent at Safety-Kleen's solvent recycling facilities are disposed of in accordance with applicable laws and regulations.



This closed loop supplies Safety-Kleen with most of its solvent requirements; the resultant stabilized cost benefits are passed on to its customers. Ownership of the solvent remains with Safety-Kleen; the service center managers are accountable for the quantities of clean and used solvents handled by their branch operations. The service center is basically a temporary storage and transfer facility. By FDER definition, however, these centers are considered to be the waste generator.

Safety-Kleen also provides a dry cleaning waste reclamation service where drums of dry cleaning wastes (chlorinated) are collected and stored temporarily at the service centers before shipment to the recycle centers for reclamation and residue disposal.

In addition, Safety-Kleen provides a paint waste reclamation service. Wastes containing various thinners and paints are collected in five-gallon pails and 16-gallon drums and are stored at the accumulation center (see Exhibit I.D.5-2b) in a room in the southwest corner of the building. These wastes are periodically shipped to a reclaimer, and the regenerated solvent is distributed to Safety-Kleen customers for use as a product.

Safety-Kleen offers generators of large quantities of industrial solvents a reclamation service through its industrial solvents collection service. Wastes containing mineral spirits, halogenated solvents and lacquer thinners are shipped from the generator to the accumulation center in 55-gallon drums. The drums are then shipped to the Safety-Kleen recycle center in Lexington, South Carolina or to an independent reclaimer.

In 1990, Safety-Kleen began offering a service for the collection of spent antifreeze (ethylene glycol) from automobile service stations. These wastes are deposited into a 150-gallon translucent carboy by the customer, on the customer's premises, and the carboy is pumped into a 3,500-gallon tanker truck or into 30-gallon drums by a sales representative. At the service center, it is then pumped into a 20,000-gallon storage tank or placed in the container storage warehouse for shipment to a Safety-Kleen recycle

center. Approximately 35 percent of this waste is returned to customers as usable product.

