Ground Water Monitoring Wells Onsite

There are three (3) monitoring wells located onsite, see Figure 2.1-1: MW-1 on the west side of the tank farm, MW-2 on the east side of the tank farm, and MW-3 on the north side of the tank farm. These wells are sampled, and analyzed, annually per requirements of the facilities Industrial Waste Operating Permit (IW-333), issued by the Miami-Dade County Regulatory and Economic Resources Department.

Part I

D. Operating Information

3. Process – Codes and Design Capacities (40 CFR Part 270.13(i)(j))

Waste Type	**Process Design Capacity (Gallons)**	**Process Code(s)**	**Estimated Annual Amt. (Tons)**	**Waste Codes**
Spent Parts Washer Solvent	20,000	S01* S02**	542	D001 and D-codes listed in Note below
Branch-Generated Liquids Solids (Debris)	6,912	S01*	6	D001 and D-codes listed in Note below; F002, F003, F005
Dumpster Sediment	6,912	S01*	Included above	D001 and D-codes listed in note below
Tank Bottoms	6,912	S01*	Included above	D001 and D-codes listed in note below
Used Immersion Cleaner (IC 699)	6,912	S01*	21	D-codes listed in note below
Dry Cleaning Waste (Perchloroethylene)	6,912	S01*	234	F002 and D-codes listed in note below
Dry Cleaning Waste (Non-perchloroethylene)	6,912	S01*	Included above	D001 and D-codes listed in note below
Paint Wastes	6,912	S01*	46	D001, F003, F005 and D-codes listed in note below
Retain Samples From Used Oil Operations	6,912	S01*	3	D008, D018, D039, D040
Spent Aerosol Cans	6,912	S01*	< 1	D001, D035
Fluid Recovery Service (FRS) Transfer Wastes	11,880	S01***	167	Transfer wastes-waste codes assigned by generator ****
Aqueous Brake Cleaner	11,880	S01***	14	Transfer wastes – none, unless assigned by generator.
Mercury-Containing Lamps/Devices	N/A	N/A***	Less than 2.2	N/A-handled as non-hazardous transfer wastes

NOTES:

D-Codes: 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

* This waste will be stored in containers in the warehouse container storage area. The maximum capacity in the warehouse container storage area for hazardous waste and Product is 29,400 gallons, with 6,912 gallons being hazardous waste.

** The RCRA-Permitted Hazardous Waste Tank (Used Solvent) has a capacity of 20,000 gallons and may be filled to 19,000 gallons

*** This waste will be held for transfer in containers in the transfer waste area(s). There is one transfer waste area located inside the warehouse adjacent to the container storage area.

****Various D-Codes, F-Codes, K-Codes, P-Codes, U-Codes may be accepted for 10-day storage and transfer

Part I

D. Operating Information

4. Description of the Facility/Nature of the Business (40 CFR Part 270.13(m))

Safety-Kleen Systems, Inc. of Norwell, MA 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 petroleum-based hydrocarbon solvents and small parts washing equipment.

Safety-Kleen's solvent cycle is essentially a closed loop, moving from the Branch to the customer, from the customer to the Branch, from the Branch to the recycle facility, and then from the recycle center back to the Branch for redistribution to customers. This closed loop supplies Safety-Kleen with most of its solvent requirements (nearly two-thirds of the clean solvent delivered to the field has been previously used by its customers). Ownership of the solvent remains with Safety-Kleen. Solvent containers (product and waste) are transported in specially-equipped, enclosed route trucks. Five aboveground tanks are located at the Safety-Kleen Medley facility. These tanks are used for the storage of: one (20,000-gallon) hazardous waste (used parts washer solvent), one (20,000-gallon) clean product 150 premium parts washer solvent, one (20,000-gallon) used oil, one (15,000-gallon) used oil, and one (10,000-gallon) oily water. These tanks are located inside the permitted tank storage unit. See figure 2.1-1.

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 Branches (sales branches) located in 45 states. The Branches warehouse the products and equipment required to service the customers in their sales areas. On a contractual 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

storage area, of the warehouse. Weekly, a tractor trailer truck is dispatched from a Clean Harbors/Safety-Kleen TSDF to deliver clean immersion cleaner solvent and collect the containers of spent immersion cleaner solvent for reclamation. Warehouse space is dedicated for the storage of clean immersion cleaner. The immersion cleaner remains in the original covered containers during transfer between the Branch and the TSDF's.

Safety-Kleen provides a dry-cleaning waste reclamation service where containers of dry-cleaning wastes are collected and stored temporarily at the Branch before shipment to the permitted TSDF's for reclamation and processing. Dry cleaning wastes may be managed as permitted or 10-day transfer wastes. All dry-cleaning wastes remain in their original containers while at the Medley facility.

Safety-Kleen also provides a paint waste reclamation service. Wastes containing various thinners and paints are collected in containers and stored temporarily at the Branch before shipment to permitted Safety-Kleen/Clean Harbors TSDF for reclamation and processing. Paint wastes may be managed as permitted or 10-day transfer wastes. All paint wastes remain in their original containers while at the Medley facility.

Fluid Recovery Services (FRS) is a containerized waste service (CWS) program managed by the Safety-Kleen Medley Branch to collect and transfer various other containerized hazardous, and non-hazardous wastes to the appropriate Clean Harbors/Safety-Kleen TSDFs for processing. Hazardous wastes managed under this program are managed as 10-day transfer wastes. Examples of the types of waste that may be received from FRS customers include, but are not limited to:

- Spent hydrocarbon distillates, such as waste fuel, oil, petroleum, naphtha, etc.;
- Lubricating oils, hydraulic oils, synthetic oils, used antifreeze, and machine oils;
- Industrial halogenated solvents such as 1,1,1-trichloroethane, tetrachloroethylene, Freon, and trichloroethane;
- Photographic and x-ray related wastes, acids;
- Paint and lacquer thinners, acids/bases;
- Various returned/damaged/expired products from national retail chains. These are typical household products that may carry U-Codes due to being unused commercial chemical products;
- Other hazardous and nonhazardous halogenated and nonhalogenated wastes.