

Division of Solid and Hazardous Waste
401 East State Street
P.O. Box 414
Trenton, New Jersey 08625-0414
Phone# (609) 292-9880
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Hazardous Waste Facility Permit

Under the provisions of N.J.S.A. 13:1E-1 et seq. known as the Solid Waste Management Act, this permit is hereby issued to:

Safety-Kleen Systems, Inc.
1200 Sylvan Street
Linden, New Jersey 07036

For the Purpose of Operating a: Hazardous Waste Treatment, Storage and Transfer Station Facility
On Lots No.: 21,22,23,24,26,27,28,29
Block No: 580
In the Municipality of: Linden
County: Union
Under Facility Permit No.: 2009C1HP09
EPA ID No.: NJD 002 182 897

This permit is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This permit shall not prejudice any claim the State may have to riparian land, nor does it allow the permittee to fill or alter or allow to be filled or altered in any way, lands that are deemed to be riparian, wetlands, stream encroachment areas or flood plains, or that are within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection or the U.S. Environmental Protection Agency.

May 30, 1997
Issuance Date

Thomas Sherman
Assistant Director
Division of Solid and Hazardous Waste

June 30, 1997
Effective Date

June 30, 2007
Expiration Date

March 1, 2001
Modification Date

December 16, 1998
Modification Date

June 28, 2002
Modification Date

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Scope of Permit

The hazardous waste rules at N.J.A.C. 7:26G were adopted by the New Jersey Department of Environmental Protection on October 21, 1996. By this adoption, the Department "incorporated by reference" (with limited exception) the July 1, 1993 version of the Federal hazardous waste regulations found at Parts 124, 260-266, 268 and 270, Title 40 of the Code of Federal Regulations (C.F.R.). Those provisions of the Federal regulations which were not incorporated by reference are listed in the State regulatory adoption. Additional changes to the New Jersey hazardous waste rules will be necessary to address Federal regulations adopted subsequent to July 1, 1993. The Department anticipates addressing these subsequent Federal regulations in a regulatory adoption sometime in 1997. At that time, the Department will adopt amendments to N.J.A.C. 7:26G to incorporate by reference those changes to the Federal regulations that have been made since July 1, 1993, and a prospective incorporation by reference which will incorporate all future amendments and supplements to the Federal regulations automatically. Within 180 days of the effective date of these amendments to N.J.A.C. 7:26G, the Department will initiate a modification of this permit to incorporate such provisions as are made necessary by the newly adopted rules.

The conditions of this permit are based on the New Jersey hazardous waste regulations at N.J.A.C. 7:26G and on the permit application submitted by the permittee. In order to eliminate confusion, and to clearly describe the precise obligations which are imposed upon the permittee, only the specific Federal regulatory citations as of July 1, 1993 are listed in the conditions of this permit. For the applicable State regulatory citations, refer to N.J.A.C. 7:26G.

This permit, along with the referenced permit application documents herein specified, shall constitute the sole Hazardous Waste Facility Permit for the construction and operation of a hazardous waste treatment, storage and transfer facility by Safety-Kleen Systems, Inc. located in Linden, Union County, New Jersey. Any registration, Approval or Permit previously issued by the Office of Permitting or its predecessor agencies is hereby superseded. The permittee need not comply with the conditions of this permit to the extent and for the duration such non-compliance is authorized by an emergency permit (40 C.F.R. 270.61).

Section I of this permit contains the general conditions applicable to all hazardous waste facility permits. Section II of this permit contains general conditions applicable to Safety-Kleen Systems, Inc. hazardous waste facility permit. Section III of this permit contains specific conditions applicable to the hazardous waste management practices at the Safety-Kleen Systems, Inc. facility.

Description of Hazardous Waste Activities

The Safety-Kleen Systems, Inc., Linden Recycle Center operates as a major commercial hazardous waste facility. The primary hazardous waste activity at the facility involves processing of spent organic solvents received from Safety-Kleen service centers, other Safety-Kleen recycle centers, and from various commercial and industrial generators to recover clean solvents for recycle or sale. Other hazardous waste activities at the facility include processing of wastes received from other Safety-Kleen facilities, wastes generated on-site, and wastes received from Safety-Kleen customers to produce fuel and operate a transfer station facility to store wastes received from generators and ship off-site to authorized facilities.

Summary of Permit Compliance Conditions at the Facility

1. The permittee shall conduct the initial assessment of the storage tanks and ancillary equipment in compliance with Condition 4(d)2 of Section III of this permit. Thereafter, compliance with Condition 4(d)3 of Section III of this permit regarding periodic tank system assessment shall be maintained until such time that the tank system's secondary containment meets the requirements of 40 C.F.R. 264.193.

2. Upon completion of each construction work authorized by this permit, the permittee shall submit construction certification letters, as required by conditions 6(j) and 6(k) of Section III of this permit, to the Department within thirty (30) days from the date of completion of construction or within thirty (30) days from the effective date of this permit whichever is applicable.

Class 1 Modification Dated 12/16/98

Based on notification of a Class 1 permit modification by the permittee, dated July 7, 1998, the Department modified this permit on December 16, 1998. The modification involved a name change from Safety-Kleen Corp. to Safety-Kleen Systems, Inc. The name change does not involve a change in the ownership or operational control of the facility.

Class 1 Modification Dated 03/01/01

Based on notification of a Class 1 permit modification by the permittee, dated December 8, 2000, the Department modified this permit on March 1, 2001. The modification involved revision of the facility's Contingency Plan.

Class 2 Modification Dated 06/28/02

Based on notifications by the permittee of changes in the Contingency Plan dated November 9, 2001, and March 5, 2002, and a request for a Class 2 permit modification, dated April 22, 2002, the Department modified this permit on June 28, 2002. The modification involved revision of permit conditions affected by the changes to the facility's Waste Analysis Plan and Contingency Plan.

Section I

General Conditions Applicable to All Permits (40 C.F.R. 270.30)

1. Duty to Comply

The permittee must comply with all conditions of this permit, except that the permittee need not comply with the conditions of this permit to the extent and for the duration such noncompliance is authorized in an emergency permit. (See 40 C.F.R. 270.61). Any permit noncompliance, except under the terms of an emergency permit, constitutes a violation of the appropriate Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

2. Duty to Reapply

- (a) If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit.
- (b) A complete application for a new permit shall be submitted at least one hundred eighty (180) days prior to the expiration date of this permit.

3. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

4. Need to Mitigate

In the event of noncompliance with the permit, the permittee shall take all reasonable steps to minimize releases to the environment, and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health or the environment.

5. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

6. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information

The permittee shall furnish to the Department, within a reasonable time, any relevant information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Department, upon request, copies of records required to be kept by this permit.

9. Inspection and Entry

The permittee shall allow an authorized representative of the Department upon the presentation of credentials and other documents as may be required by law to:

- (a) Enter at reasonable times upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by RCRA, any substances or parameters at any location.

10. Monitoring and Records

- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, the certification required by 40 C.F.R. 264.73(b)(9) of this chapter, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, certification, or application. This period may be extended by request of the Department at any time. The permittee shall maintain records from all ground-water monitoring wells and associated ground-water surface elevations, for the active life of the facility, and for disposal facilities for the post-closure care period as well.
- (c) Records for monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The individual(s) who performed the sampling or measurements;
 - 3. The date(s) analyses were performed;

4. The individual(s) who performed the analyses;
5. The analytical techniques or methods used; and
6. The results of such analyses.

11. Signatory Requirements

All applications, reports, or information submitted to the Department shall be signed and certified. (see 40 C.F.R. 270.11).

12. Reporting Requirements

(a) Planned Changes

The permittee shall give notice to the Department as soon as possible of any planned physical alterations or additions to the permitted facility.

(b) Anticipated Noncompliance

1. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. For a new facility, the permittee may not treat, store, or dispose of hazardous waste; and for a facility being modified, the permittee may not treat, store, or dispose of hazardous waste in the modified portion of the facility except as provided in 40 C.F.R. 270.42, until:

(i) The permittee has submitted to the Department by certified mail or hand delivery a letter signed by the permittee and a registered professional engineer stating that the facility has been constructed or modified in compliance with the permit; and

(ii) (A) The Department has inspected the modified or newly constructed facility and finds it is in compliance with the conditions of the permit; or

(B) If, within 15 days of the date of submission of the letter in paragraph 12(b)1i of this section, the permittee has not received notice from the Department of his or her intent to inspect, prior inspection is waived and the permittee may commence treatment, storage, or disposal of hazardous waste.

(c) Transfers

This permit is not transferable to any person except after notice to the Department. The Department may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under RCRA. (See 40 C.F.R. 270.40).

(d) Monitoring Reports

Monitoring results shall be reported at the intervals specified elsewhere in this permit.

(e) Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

(f) Twenty-Four Hour Reporting

1. The permittee shall report any noncompliance which may endanger health or the environment orally within 24 hours from the time the permittee becomes aware of the circumstances, including:
 - (i) Information concerning the release of any hazardous waste that may cause an endangerment to public drinking water supplies.
 - (ii) Any information of a release or discharge of hazardous waste or of a fire or explosion from the HWM facility, which could threaten the environment or human health outside the facility.
2. The description of the occurrence and its cause shall include:
 - (i) Name, address, and telephone number of the owner or operator;
 - (ii) Name, address, and telephone number of the facility;
 - (iii) Date, time, and type of incident;
 - (iv) Name and quantity of material(s) involved;
 - (v) The extent of injuries, if any;
 - (vi) An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable; and
 - (vii) Estimated quantity and disposition of recovered material that resulted from the incident.
3. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The Department may waive the five day written notice requirement in favor of a written report within fifteen days.
4. Oral Notification shall be provided to the NJDEP Hotline at (609) 292-7172. Written notification shall be provided to the Bureau of Hazardous Waste and Transfer

Facilities and the Bureau of Hazardous Waste Enforcement at the addresses provided in Condition 11 of Section II of this permit.

(g) Manifest Discrepancy Report

If a significant discrepancy in a manifest is discovered, the permittee must attempt to reconcile the discrepancy. If not resolved within fifteen days, the permittee must submit a letter report, including a copy of the manifest, to the Department. (See 40 C.F.R. 264.72.)

(h) Unmanifested Waste Report

This report must be submitted to the Department within 15 days of receipt of unmanifested waste. (See 40 C.F.R. 264.76.)

(i) Biennial Report

A biennial report must be submitted covering facility activities during odd numbered calendar years. (See 40 C.F.R. 264.75.)

(j) Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraphs (d), (e) and (f) of this condition, at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (f) of this condition.

(k) Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

End of Section I

Section II

General Conditions Applicable to Safety-Kleen Systems, Inc. Facility Permit

1. Permit Modification or Revocation and Reissuance

Cause for, and procedures of, modification, or revocation and reissuance of this permit shall be as provided under 40 C.F.R. 270.41.

2. Personnel Training (40 C.F.R. 264.16)

- (a) Facility personnel shall successfully complete a program of classroom instruction or on-the-job training that teaches them to perform their duties in a way that insures the facility's compliance with the requirements of 40 C.F.R. 264.16, as stated in the facility's Part B permit application, and as referenced in Condition 12(b) of Section II of this permit. New employees shall be trained within six (6) months of the date of employment.
- (b) The training program shall be maintained with records and documentation describing the type and amount of both introductory and continuing training that has been and will be given to each person engaged in hazardous waste management at the facility.
- (c) The permittee shall keep the training records on current personnel until closure of the facility; training records on former employees shall be kept for at least three (3) years from the date the employee last worked at the facility. Personnel training records may accompany personnel transferred within the same company.

3. Preparedness and Prevention (40 C.F.R. 264.30 through 264.37)

The facility shall be designed, constructed, maintained and operated to minimize the possibility of fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, surface water or groundwater which could threaten human health or the environment.

- (a) The facility shall be equipped with emergency equipment, including but not limited to:
 - 1. An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel;
 - 2. A device, such as a telephone (immediately available at the scene of operations) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams;
 - 3. Portable fire extinguisher, fire control equipment, spill control equipment, and decontamination equipment; and
 - 4. Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.

- (b) All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, shall be tested and maintained as necessary to assure its proper operation in time of emergency.
- (c) Whenever hazardous waste is being poured, mixed, spread, or otherwise handled, all personnel involved in the operation must have immediate access to an internal alarm or emergency communication device, either directly or through visual or voice contact with another employee, unless the Department has ruled that such a device is not required under 40 C.F.R. 264.32.
- (d) If there is ever just one employee on the premises while the facility is operating, he must have immediate access to a device, such as a telephone (immediately available at the scene of operation) or a hand-held two-way radio, capable of summoning external emergency assistance, unless the Department has ruled that such a device is not required under 40 C.F.R. 264.32.
- (e) The owner or operator must attempt to make the following arrangements, as appropriate for the type of waste handled at his facility and the potential need for the services of these organizations:
 - (i) Arrangements to familiarize police, fire departments, and emergency response teams with the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to and roads inside the facility, and possible evacuation routes;
 - (ii) Where more than one police and fire department might respond to an emergency, agreements designating primary emergency authority to a specific police and specific fire department, and agreements with any others to provide support to the primary emergency authority;
 - (iii) Agreements with State emergency response teams, emergency response contractors, and equipment suppliers; and
 - (iv) Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions, or releases at the facility.

Where State or local authorities decline to enter into such arrangements, the owner or operator must document the refusal in the operating record.

4. Contingency Plan (40 C.F.R. 264.50 through 264.56)

- (a) The provisions of the Contingency Plan included in the Part B permit application plus all amendments, revisions and modifications thereof subsequently submitted for review and accepted by the Department, and as referenced in Condition 12(b) of Section II of this permit, shall be carried out immediately whenever there is a fire, explosion or release of hazardous waste constituents which could threaten human health or the environment.
- (b) When an emergency coordinator determines that the facility has had a discharge, fire, or explosion which could threaten human health or the environment outside the facility, the

emergency coordinator shall immediately notify the local Fire Department and local Police Department if an assessment indicates that evacuation of local areas may be advisable. The emergency coordinator shall be available to help officials decide if local areas should be evacuated. The telephone numbers are:

Fire Department: (908) 474-8500 or 911

Police Department: (908) 298-3800 or 911

- (c) 1. If the facility has a discharge, fire, or explosion which could threaten human health or the environment, the following shall be notified immediately:

New Jersey Department of Environmental Protection
Communication Center/Trenton Dispatch
Bureau of Communication and Support Services
Trenton, NJ 08625
Telephone (609) 292-7172 (24 Hours)

2. Additionally, if the emergency coordinator determines that the facility has had a discharge, fire, or explosion which could threaten human health or the environment outside the facility, the emergency coordinator shall immediately notify:

National Response Center
2100 Second Street, SW
Washington, D.C. 20593
Telephone 1-800-424-8802 (24 Hours)

- (d) If the emergency coordinator determines that the facility has had a discharge, fire, or explosion which would threaten human health or the environment, the emergency coordinator shall immediately notify the agencies listed in Condition 4(c) above. When notifying these agencies, the coordinator shall report the type of substance and the estimated quantity discharged, if known; the location of the discharge; actions the person reporting the discharge proposes to take to contain, clean up and remove the substance if any and any other information concerning the discharge which the Department may request at the time of notification.

- (e) The owner or operator shall note in the operating record the time, date, and details of any incident that requires implementing the contingency plan. Within 15 days after the incident, the owner or operator shall submit a written report on the incident to the Department. The report shall include, but not be limited to:

1. Name, address, and telephone number of the owner or operator;
2. Name, address, and telephone number of the facility;
3. Date, time, and type of incident;
4. Name and quantity of material(s) involved;
5. The extent of injuries, if any;

6. An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
7. An estimated quantity and disposition of recovered material that resulted from the incident.

5. Security (40 C.F.R. 264.14)

- (a) The permittee must maintain the security procedures as described in the facility's Part B permit application plus all amendments, revisions and modifications thereof subsequently submitted for review and accepted by the Department, and as referenced in Condition 12(a) of Section II of this permit.
- (b) The permittee shall prevent the unknowing entry, and minimize the possibility for the unauthorized entry, of persons or livestock onto the active portion of the facility.
 1. A facility shall have:
 - (i) A 24-hour surveillance system which continuously monitors and controls entry onto the active portion of the facility; or
 - (ii) An artificial or natural barrier, which completely surrounds the active portion of the facility; and a means to control entry, at all times, through the gates or other entrances to the active portion of the facility.
 2. The requirements of paragraph (b)1 are satisfied if the hazardous waste storage, treatment or disposal site is located in a facility which itself has a surveillance system, or a barrier and a means to control entry, which complies with the requirements of subparagraph (b)1i or (b)1ii.
 3. The owner or operator shall post a sign with the legend, "Danger - Unauthorized Personnel Keep Out", at each entrance to the active portion of a facility, and at other locations, in sufficient numbers to be seen from any approach to this active portion. The legend shall be written in English and in any other language prevalent in the area surrounding the facility and must be legible from a distance of at least twenty five (25) feet. Existing signs with a legend other than "Danger - Unauthorized Personnel Keep Out" may be used if the legend on the sign indicates that only authorized personnel are allowed to enter the active portion, and that entry onto the active portion can be dangerous.

6. Termination of a Permit (40 C.F.R. 270.43)

The following are causes for terminating a permit during its term or for denying a permit renewal application:

- (a) Noncompliance with any condition of this permit; or
- (b) The permittee's failure in the application or during the permit issuance process to disclose fully all relevant facts, or the permittee's misrepresentation of any relevant facts at any time; or

- (c) A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination.

7. Operating Record (40 C.F.R. 264.73)

The permittee shall keep a written operating record at the facility in which the information required under 40 C.F.R. 264.73(b) shall be recorded. The information shall be recorded as it becomes available and maintained in the operating record until closure of the facility.

8. Permit Limitations (40 C.F.R. 270.4(c))

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights or any infringement of applicable Federal, State, or local laws or regulations.

9. Financial Requirements (40 C.F.R. Part 264 Subpart H)

- (a) The permittee shall maintain financial responsibility for bodily injury and property damage to third parties caused by sudden accidental occurrences arising from operations of the facility. The permittee shall have and maintain liability coverage for sudden occurrences in the amount of at least \$1 million per occurrence with an annual aggregate of at least \$2 million exclusive of legal defense costs. The permittee shall demonstrate financial responsibility for sudden accidental occurrences according to the mechanisms given in 40 C.F.R. 264.147 paragraphs (a)(1), (2), (3), (4), (5) or (6).
- (b) The permittee shall establish financial assurance for closure of the facility. The permittee shall use a financial assurance mechanism approved by the Department, from the options specified in paragraphs (a) through (f) of 40 C.F.R. 264.143.
- (c) The permittee shall have a detailed written closure cost estimate of closing the facility in accordance with 40 C.F.R. 264.142(a). The permittee shall adjust the closure cost estimate for inflation within sixty (60) days prior to the anniversary date of the establishment of the financial instrument(s) used to comply with 40 C.F.R. 264.143. If the permittee uses the financial test or corporate guarantee, the closure cost estimate shall be updated for inflation within thirty (30) days after the close of the firm's fiscal year and before submission of the updated information to the Department. The adjustment may be made by recalculating the maximum costs of closure in current dollars, or by using an inflation factor derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its *Survey of Current Business*. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year.
 - (1) The first adjustment is made by multiplying the closure cost estimate by the inflation factor. The result is the adjusted closure cost estimate.
 - (2) Subsequent adjustments are made by multiplying the latest adjusted closure cost estimate by the latest inflation factor.
- (d) During the active life of the facility, the permittee shall revise the closure cost estimate no later than (30) days after the Department has approved the request to modify the closure plan, if the change in the closure plan increases the cost of closure. The revised closure cost estimate must be adjusted for inflation as specified in 40 C.F.R. 264.142(b).

- (e) The permittee shall keep at the facility during the operating life of the facility, the latest closure cost estimate prepared in accordance with 40 C.F.R. 264.142(a) and (c) and, when this estimate has been adjusted in accordance with 40 C.F.R. 264.142(b), the latest adjusted closure cost estimate.
- (f) The wording of all financial documents (except for the insurance policy itself) that are submitted under paragraphs (a), (b) and (c) of this Condition must be as per 40 C.F.R. 264.151 with the changes specified at N.J.A.C. 7:26G-8.1(c)8.

10. Compliance with Other State Regulations and Statutes

The permittee shall comply with all regulations of the Department of Environmental Protection and other State Statutes applicable to the facility. Regulations are effective upon publication in the New Jersey Register or as otherwise indicated in the Notice of Adoption in the New Jersey Register.

11. Submission of Documents Required by Permit Conditions

The permittee shall submit all permit compliance documents required by this permit to the following:

- (a) New Jersey Department of Environmental Protection
Office of Permitting
Bureau of Hazardous Waste and Transfer Facilities
P.O. Box 414
Trenton, NJ 08625-0414
- (b) New Jersey Department of Environmental Protection
Solid and Hazardous Waste Enforcement
Bureau of Hazardous Waste Enforcement - Metro Section
2 Babcock Place
West Orange, NJ 07052-5504

12. Referenced Permit Application Documents

- (a) The permittee shall operate the facility, and construct or install associated appurtenances thereto, in accordance with the regulations contained in 40 C.F.R. Parts 260 through 270, the conditions of this permit, and the following permit application documents:
 - 1. Hazardous Waste Facility Part B Permit Renewal Application dated July 22, 1992, signed by Clark J. Rose, Vice president Technical Services, Safety-Kleen Corp.;
 - 2. Amendment to Part B Permit Application dated May 14, 1993, signed by James Boyes, Regional Environmental Manager, Safety-Kleen Corp.;
 - 3. Amendment to Part B Permit Application dated October 15, 1993, signed by James Boyes, Regional Environmental Manager, Safety-Kleen Corp.;
 - 4. Amendment to Part B Permit Application dated October 28, 1994, signed by James Boyes, Regional Environmental Manager, Safety-Kleen Corp.;

5. Amendment to Part B Permit Application dated January 31, 1995, signed by James Boyes, Regional Environmental Manager, Safety-Kleen Corp.;
6. Amendment to Part B Permit Application dated February 16, 1995, signed by James Boyes, Regional Environmental Manager, Safety-Kleen Corp.;
7. Amendment to Part B Permit Application dated November 1, 1995, signed by James Boyes, Regional Environmental Manager, Safety-Kleen Corp.;
8. Amendment to Part B Permit Application dated July 31, 1996, signed by James Boyes, Regional Environmental Manager, Safety-Kleen Corp.;
9. Non-hazardous Waste Management Plan dated March 22, 1991, modified February 19, 1992, signed by Angel Chang for Stanley A. Walczynski, P.E., Manager, Environmental Affairs - Process Facilities.
10. Truck Station 2 Upgrade Plan dated May 5, 1992, signed by Marwan N. Fanek, Regional Environmental Manager, Safety-Kleen Corp..
11. The following engineering design drawings:
 - i. Dwg. No. 92-6350B-002 - Proposed Site Plan Linden Recycle Center, dated June 4, 1992, signed and sealed by Lee Schlesinger, P.E.
 - ii. Dwg. No. 92-6350B-005 - Proposed Emergency Equipment and Evacuation Site Plan, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
 - iii. Dwg. No. 92-6350B-111 - Recycle Center Process Block Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
 - iv. Dwg. No. 92-6350B-112 - Material Handling Systems Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
 - v. Dwg. No. 90-63500-115 - Truck Station No. 1 Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
 - vi. Dwg. No. 92-6350B-116 - Truck Station No. 2 Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
 - vii. Dwg. No. 92-6350B-117 - Rail Station Process Flow Diagram, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
 - viii. Dwg. No. 92-6350B-118 - Tank Farm No. 1 Product Storage Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
 - ix. Dwg. No. 92-6350B-119 - Tank Farm No. 2 Process Flow Diagram, dated June 22, 1990, signed and sealed by William A. Hoyer, P.E.

- x. Dwg. No. 92-6350B-120 - Piping and Instrumentation Diagram Tank Farm No. 3 Fuel Blending, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xi. Dwg. No. 92-6350B-122 - Tank Farm No. 5 Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xii. Dwg. No. 92-6350B-123 - Tank Farm No. 6 Process Flow Diagram, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
- xiii. Dwg. No. 92-6350B-124 - Piping and Instrumentation Diagram Tank Farm No. 7 Fuel Blending, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
- xiv. Dwg. No. 92-6350B-126 - Luwa No. 1 (E-801) Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xv. Dwg. No. 92-6350B-127 - Luwa No. 2 (E-802) Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xvi. Dwg. No. 92-6350B-128 - Distillation Unit C-1100 (Formerly T-20) Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xvii. Dwg. No. 92-6350B-130 - C-1200 (Formerly T-21) Distillation Column Process Flow Diagram, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
- xviii. Dwg. No. 92-6350B-132 - Process Flow Diagram Custom Distillation Area QC/Rundown Tanks, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
- xix. Dwg. No. 92-6350B-133 - Distillation Unit C-1300 (Formerly T-22) Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xx. Dwg. No. 92-6350B-134 - Truck Station No. 3 Process Flow Diagram, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxi. Dwg. No. 92-6350B-151 - 28,000 Gal. Storage Tank (TF#7), 38,000 Gal. Storage Tank - (TF#3) and Tank Farm No. 3 Plan View, dated January 17, 1991, signed and sealed by Lee Schlesinger, P.E.
- xxii. Dwg. No. 92-6350B-152 - 28,000 & 38,000 Gallon Carbon Steel Flat Bottom Storage Tank, dated January 17, 1991, signed and sealed by Lee Schlesinger, P.E.
- xxiii. Dwg. No. 92-6350B-153 - 18,500 Gallon C.S. Dished Bottom Storage Tank, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.

- xxiv. Dwg. No. 92-6350B-154 - 18,500 Gallon C.S. Dished Bottom Storage Tank, dated July 13, 1992, signed and sealed by Lee Schlesinger, P.E.
- xxv. Dwg. No. 92-6350B-201 - Container Storage Area No. 1 Drum Configuration, dated July 13, 1992, signed and sealed by Lee Schlesinger, P.E.
- xxvi. Dwg. No. 92-6350B-205 - Container Storage Area No. 2 (Building No. 11) Container Storage Configuration, dated July 14, 1992, signed and sealed by Lee Schlesinger, P.E.
- xxvii. Dwg. No. 92-6350B-501 - Tank Farm No. 1 Proposed Dike Wall Remediation Details, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxviii. Dwg. No. 92-6350B-502 - Tank Farm No. 2 Remediation Plan and Details, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
- xxix. Dwg. No. 92-6350B-503, Sheet 1 - Tank Farm No. 3 Foundation-Plan, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
- xxx. Dwg. No. 92-6350B-503, Sheet 2 - Tank Farm No. 3 & 7 Details and Sections, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxi. Dwg. No. 92-6350B-505 - Tank Farm Layout Tank Farm No. 5 & 6, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxii. Dwg. No. 92-6250B-506 - Concrete Details Tank Farm No. 5, 6 & 8, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxiii. Dwg. No. 92-6350B-507 - Tank Farm No. 7 Foundation-Plan, dated February 21, 1992, signed and sealed by Lee Schlesinger, P.E.
- xxxiv. Dwg. No. 92-6350B-520 - Truck Stations 1 & 3 Concrete Details, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxv. Dwg. No. 92-6350B-521 - Truck Station No. 2 Plan and Sections, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxvi. Dwg. No. 92-6350B-522 - Truck Station No. 4 Concrete Construction Plan, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxvii. Dwg. No. 92-6350B-526 - Truck Station No. 5 Concrete Construction Plan, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxviii. Dwg. No. 92-6350B-530 - Typical Truck Station Sections and Details, dated June 22, 1990, signed and sealed by Lee Schlesinger, P.E.
- xxxix. Dwg. No. 92-6350B-161 - 6,000 Gal. Carbon Steel Cone Bottom Tank, dated June 19, 1992, signed and sealed by Lee Schlesinger, P.E.

- xl. Dwg. No. 92-6350B-162 - 10,000 Gal. Carbon Steel Cone Bottom Tank, dated June 19, 1992, signed and sealed by Lee Schlesinger, P.E.
- xli. Dwg. No. 92-6350B-163 - 20,000 Gal. Carbon Steel Flat Bottom Tank, dated June 19, 1992, signed and sealed by Lee Schlesinger, P.E.
- xlii. Dwg. No. 92-6350B-164 - 32,000 Gal. Carbon Steel Flat Bottom Tank, dated June 19, 1992, signed and sealed by Lee Schlesinger, P.E.
- xliii. Dwg. No. 92-6350B-165 - 10,000 Gal. Carbon Steel Flat Bottom Tank, dated June 22, 1992, signed and sealed by Lee Schlesinger, P.E.
- xliv. Dwg. No. 92-6350B-166 - 6,000 Gal. Carbon Steel Flat Bottom Tank, dated June 23, 1992, signed and sealed by Lee Schlesinger, P.E.
- xlv. Dwg. No. 92-6350B-167 - 18,000 Gal. Carbon Steel Flat Bottom Tank, dated June 23, 1992, signed and sealed by Lee Schlesinger, P.E.
- xlvi. Dwg. No. 92-6350B-168 - 18,000 Gal. Carbon Steel Flat Bottom Tank, dated June 23, 1992, signed and sealed by Lee Schlesinger, P.E.
- xlvii. Dwg. No. 92-6350B-169 - 18,000 Gal. Stainless Steel Horizontal Tank, dated June 23, 1992, signed and sealed by Lee Schlesinger, P.E.
- xlviii. Dwg. No. 92-6350B-170 - 10,000 Gal. Carbon Steel Flat Bottom Tank, dated June 24, 1992, signed and sealed by Lee Schlesinger, P.E.
- xlix. Dwg. No. 92-6350B-171 - 14,000 Gal. Stainless Steel Flat Bottom Tank, dated June 24, 1992, signed and sealed by Lee Schlesinger, P.E.
- l. Dwg. No. 92-6350B-172 - 18,000 Gal. Carbon Steel Flat Bottom Tank, dated June 24, 1992, signed and sealed by Lee Schlesinger, P.E.
- li. Dwg. No. 92-6350B-173 - 17,000 Gal. Carbon Steel Flat Bottom Tank, dated June 24, 1992, signed and sealed by Lee Schlesinger, P.E.
- lii. Dwg. No. 92-6350B-174 - 17,000 Gal. Carbon Steel Flat Bottom Tank, dated June 24, 1992, signed and sealed by Lee Schlesinger, P.E.
- liii. Dwg. No. 92-6350B-175 - Spill Tank, Container Storage No.1, dated June 23, 1992, signed and sealed by Lee Schlesinger, P.E.
- liv. Dwg. No. 635-4000-300 - Railcar Siding Piping Plan, dated November 9, 1994, signed and sealed by Lee Schlesinger, P.E.
- lv. Dwg. No. 635-4000-301 - Railcar Siding Piping Plan, dated November 4, 1994, signed and sealed by Lee Schlesinger, P.E.
- lvi. Dwg. No. 635-4000-304 - Railcar Siding Piping Sections & Details, dated November 16, 1994, signed and sealed by Lee Schlesinger, P.E.

- lvii. Dwg. No. 635-4000-305 - Railcar Siding Piping Sections & Details, dated November 21, 1994, signed and sealed by Lee Schlesinger, P.E.
- lviii. Dwg. No. 635-4000-306 - Railcar Siding Piping Sections, dated November 21, 1994, signed and sealed by Lee Schlesinger, P.E.
- lix. Dwg. No. 635-4000-307 - Railcar Siding Piping Sections & Details, dated December 2, 1994, signed and sealed by Lee Schlesinger, P.E.
- lx. Dwg. No. 635-4000-502 - Rail Canopy Foundation Plan, dated October 24, 1994, signed and sealed by Lee Schlesinger, P.E.
- lxi. Dwg. No. 635-4000-503 - Rail Canopy Foundation Sections & Details, dated October 24, 1994, signed and sealed by Lee Schlesinger, P.E.
- lxii. Dwg. No. 635-4000-304 - Rail Canopy Foundation Sections & Details, dated October 24, 1994, signed and sealed by Lee Schlesinger, P.E.

Modified 12/16/98

- 12. Request for a permit modification to change the name of the facility from Safety-Kleen Corp. to Safety-Kleen Systems, Inc., submitted by Safety-Kleen Systems Inc., dated July 7, 1998, signed by David DiMeo, Facility Manager.

Added 03/01/01

- 13. Amendment to Part B Permit Application dated December 8, 2000, signed by Valerie Lynn David, Environmental Compliance Manager, Safety-Kleen Systems, Inc.

Added 06/28/02

- 14. Revised Contingency Plan dated November 9, 2001, signed by J. Neil Smith, Environmental Specialist, Safety-Kleen Systems, Inc.

Added 06/28/02

- 15. Revised Contingency Plan dated March 5, 2002, signed by Jorge Mejia, Environmental Compliance Manager, Safety-Kleen Systems, Inc.

Added 06/28/02

- 16. Amendment to Part B Permit Application dated April 22, 2002, signed by Garfield Robertson, Linden Recycle Center Facility Manager, Safety-Kleen Systems, Inc.

In case of conflict, the applicable hazardous waste management regulations contained in 40 C.F.R. shall have precedence over the conditions of this permit, and the conditions of this permit shall have precedence over the Part B permit application documents listed above.

- (b) One complete set of the permit application documents listed in Condition 12(a) above, this Hazardous Waste Facility Permit, and all records, reports and plans as may be required pursuant to this permit shall be kept on-site and shall be available for inspection by authorized representatives of the Department upon presentation of credentials. The records, reports and plans required pursuant to this permit include the following:

- 1. The description of the personnel training program and the records required by Condition 2 of Section II of this permit and 40 C.F.R. 264.16.
- 2. The Contingency Plan required by Condition 4 of Section II of this permit and 40 C.F.R. 264.50 and specifically the plan prepared by Safety-Kleen Corp. dated July 22, 1992 and subsequent revisions.

3. The written Operating Record required by Condition 7 of Section II of this permit and 40 C.F.R. 264.73.
4. Copies of the financial documents and closure cost estimate required by Condition 9 of Section II of this permit and 40 C.F.R. 264.140.
5. The Waste Analysis Plan outlined in Condition 3 of Section III of this permit and as required by 40 C.F.R. 264.13 and specifically the plan prepared by Safety-Kleen Corp. dated July 22, 1992 and subsequent revisions.
6. The Inspection Schedule required by 40 C.F.R. 264.15(b) and the records required by Condition 4 of Section III of this permit.
7. The Closure Plan required by Condition 5 of Section III of this permit and 40 C.F.R. 264.112 and specifically the plan prepared by Safety-Kleen Corp. dated July 22, 1992 and subsequent revisions.

End of Section II

Section III

Specific Facility Conditions Applicable to Safety-Kleen Systems, Inc.

1. Authorized Activities

(a) Storage in Containers

1. The permittee is authorized to store waste specified in paragraphs 2(a) through 2(d) of this section in containers prior to further treatment or transfer off-site as detailed on Drawings 92-6350B-112, 201 and 205 and in Section 3 of the Part B permit application cited in paragraph 12(a)1 of Section II of this permit and as follows:

<u>Storage Area</u>	<u>Design Capacity</u>	<u>Container Type</u>	<u>Aisle Space</u>	<u>Stacking Height</u>
1A (Bldg. 10)	130,680 Gallons (2376 - 55 Gallon Drums or Equivalent)	Any container up to 400 gallons	30 Inches Minimum	Two Drums Maximum

2. The permittee will be authorized to store waste specified in paragraphs 2(a) through 2(d) of this section in containers upon completion of construction of the systems and structures specified in paragraphs 6(b)1 and 6(c) of this section. The permittee shall store waste in the proposed container storage areas as detailed on Drawings 92-6350B-112 and 201 through 205 and in Section 3 of the Part B permit application cited in Condition 12(a)1 of Section II of this permit and as follows:

<u>Proposed Storage Area</u>	<u>Design Capacity</u>	<u>Container Type</u>	<u>Aisle Space</u>	<u>Stacking Height</u>
1B (Bldg. 10)	66,000 Gallons (1200 - 55 Gallon Drums or Equivalent)	Any container up to 400 gallons	30 Inches Minimum	Three Drums Maximum
2 (Bldg. 11)	17,600 Gallons (320 - 55 or Equivalent)	Same as above	Same as above	Same as above

The permittee shall not begin storage of waste in proposed Container Storage Areas 1B and 2 prior to complying with all conditions specified in paragraphs 6(b)1 and 6(c) of this section.

3. A secondary containment system, constructed of steel reinforced concrete, shall be provided and maintained free of cracks or gaps and of adequate capacity and be sufficiently impervious to contain leaks, spills and accumulated rainfall until the collected material is detected and removed. The base shall have adequate structural integrity to withstand the maximum stress applied to the base due to activities or structures placed in the containment area. The secondary containment system shall be maintained and operated to efficiently drain and remove liquids resulting from leaks, spills and precipitation.
4. Spilled or leaked waste or accumulated precipitation shall be removed from the secondary containment systems in a timely manner, to prevent blockage or overflow of the collection system.
5. If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the permittee shall transfer the hazardous waste from the container to a container that is in good condition or manage the waste in some other way that complies with the requirements of 40 C.F.R. 264.171.
6. The containers shall be managed in compliance with all provisions of 40 C.F.R. 264.173.
7. The permittee shall not place a waste which is incompatible with waste already in a container, or incompatible with a material of construction of a container, in that container. The permittee shall not place a hazardous waste in an unwashed container which previously held an incompatible waste or material. The permittee shall evaluate each waste, prior to its addition to any container, to ensure compliance with 40 C.F.R. 264.17(b).
8. Upon completion of installation of container handling equipment in Container Storage Area 1 as specified in paragraph 6(b)2 of this section, container emptying and other physical handling operations shall be performed within these areas. The permittee shall submit the exact make and model and design of all proposed processing equipment including grinders, receiving units and solvent drying units to the Department at the address cited in Condition 11 of Section II of this permit for review and approval prior to authorization for use of the units by the permittee.
9. The permittee is authorized to disperse waste which cannot be directly pumped from containers using hazardous waste solvents as detailed in Section 3 of the Part B permit application cited in paragraph 12(a) of Section II of this permit.
10. The permittee is authorized to transfer the contents of containers received at Container Storage Area 1 which are destined for on-site treatment to Receivers VR1 and VR2 specified in paragraph 1(b) of this section prior to transfer of the waste to an authorized storage or treatment unit as detailed on Drawing 90-63500-201 of the Part B permit application cited in paragraph 12(a) of Section II of this permit.

(b) Storage/Treatment in Tanks and Thermal Treatment Units:

1. Existing Units:
 - (i) Storage/Treatment Tanks:

The permittee is authorized to store hazardous and non-hazardous waste specified in paragraphs 2(a) through 2(d) of this section in the following existing tanks at the facility as detailed in Section 3 of the Part B permit renewal application cited in paragraph 12(a) of Section II of this permit and as follows:

Tank Farm 2:

<u>Tank Number</u>	<u>Material Construction</u>	<u>Design Capacity in Gallons</u>
201	Carbon Steel	18,500
202	Carbon Steel	18,500
203	Carbon Steel	18,500
204*	Carbon Steel	10,000
205*	Carbon Steel	10,000
206	Carbon Steel	18,500
207	Carbon Steel	18,500
208	Carbon Steel	18,500
209*	Carbon Steel	10,000
210*	Carbon Steel	10,000
211	Carbon Steel	32,000
212	Carbon Steel	32,000
213	Carbon Steel	32,000
214	Carbon Steel	32,000
215	Carbon Steel	20,000

*The permittee is authorized to replace tanks 204, 205, 209 and 210 with tanks from the former Tank Farm 4 having a capacity of 18,500 gallons each, as previously approved by the Bureau of Hazardous Waste and Transfer Facilities by a letter dated January 20, 1994.

Misc. Tanks:

40	Carbon Steel	18,500
41	Carbon Steel	18,500
75	Carbon Steel	18,000

Process Area Receivers:

CT-1	Carbon Steel	2,000
CT-2	Carbon Steel	2,000
CT-4	Carbon Steel	2,000
VR-1	Carbon Steel	2,600
VR-2	Carbon Steel	2,600
Vat@CSA1	Carbon Steel	1,000

(ii) Thermal Treatment Units

The permittee is authorized to use the following thermal treatment units to process on-site generated wastewater as specified in section 3.5.5 of the Part B permit renewal application cited in Condition 12(a) of Section II of this permit:

<u>Equipment Number</u>	<u>Description</u>	<u>Use</u>
E-801	58 sq. ft. LUWA Thin Film Evaporator	Separation of volatile materials from non-volatile materials
E-802	58 sq. ft. LUWA Thin Film Evaporator	Separation of volatile materials from non-volatile materials
C-1100	Fractionating Sieve Tray Column and Reboiler	Separation of spent solvent/waste mixture by distillation
C-1200	Fractionating Packed Column and Reboiler	Separation of spent solvent/waste mixture by distillation
C-1300	Fractionating Packed Column and Reboiler	Separation of spent solvent/waste mixture by distillation

2. Proposed Units:

The permittee will be authorized to store waste specified in paragraphs 2(a) through 2(d) of this section in tanks upon completion of construction of the systems and structures specified in paragraphs 6(d) through 6(f) of this section. The permittee shall store waste in the proposed tanks as detailed on Drawings 92-6350B-002, 119, 120, 122, 124, 132, 151 through 154, 502, 503, 505, 506 and 507 and in Section 4 and Appendix 4-1 of the Part B permit application cited in paragraph 12(a) of Section II of this permit and as follows:

Tank Farm 3:

<u>Proposed Tank Number</u>	<u>Material of Construction</u>	<u>Design Capacity of Tank(s) in Gallons</u>
301	Carbon Steel	38,000
302	Carbon Steel	38,000
303	Carbon Steel	38,000
304	Carbon Steel	38,000

Tank Farm 5:

<u>Proposed Tank Number</u>	<u>Material of Construction</u>	<u>Design Capacity of Tank(s) in Gallons</u>
501	Carbon Steel	18,500
502	Carbon Steel	18,500
503	Carbon Steel	18,500
504	Carbon Steel	18,500
505	Carbon Steel	18,500
506	Carbon Steel	18,500
507	Carbon Steel	18,500
508	Carbon Steel	18,500
509	Carbon Steel	18,500
510	Carbon Steel	18,500
511	Carbon Steel	18,500
512	Carbon Steel	18,500
513	Carbon Steel	18,500
514	Carbon Steel	18,500
515	Carbon Steel	18,500
516	Carbon Steel	18,500
517	Carbon Steel	18,500
518	Carbon Steel	18,500
519	Carbon Steel	18,500
520	Carbon Steel	18,500
521	Carbon Steel	18,500
522	Carbon Steel	18,500
523	Carbon Steel	18,500
524	Carbon Steel	18,500

Tank Farm 7:

<u>Proposed Tank Number</u>	<u>Material of Construction</u>	<u>Design Capacity of Tank(s) in Gallons</u>
701	Carbon Steel	28,000
702	Carbon Steel	28,000

Process Area Receivers:

<u>Proposed Tank Number</u>	<u>Material of Construction</u>	<u>Design Capacity of Tank(s) in Gallons</u>
CT-3	Carbon Steel	2,000
Vat@CSA2	Carbon Steel	1,000

The permittee shall not begin storage or treatment of waste in the proposed tanks specified in this paragraph prior to complying with all requirements specified in paragraphs 6(d) through 6(f) of this section.

3. The secondary containment constructed of concrete shall be maintained free of cracks or gaps and shall have adequate capacity and impermeability to contain leaks, spills and precipitation from a 25-year, 24-hour rainfall event until the collected material is detected and removed. The secondary containment system shall be maintained and operated to efficiently drain and remove liquids resulting from leaks, spills and precipitation.
4. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within twenty four (24) hours, or in as timely a manner as is possible to prevent harm to human health and the environment.
5. The permittee shall operate the tanks in accordance with 40 C.F.R. 264.194.
6. The permittee shall comply with the requirements of 40 C.F.R. 264.198 for the management of ignitable or reactive wastes in the tanks authorized by Condition 1(b) above.
7. The permittee shall comply with the requirements of 40 C.F.R. 264.199 for the management of incompatible wastes in the tanks authorized by Condition 1(b) above. The permittee shall not place a waste which is incompatible with the material of construction of a tank, in that tank, prior to compliance with 40 C.F.R. 264.17(b). The permittee shall not place a hazardous waste in a tank system that has not been decontaminated and that previously held an incompatible waste or material prior to compliance with 40 C.F.R. 264.17(b).
8. In response to leaks or spills and disposition of leaking or unfit for use tank systems, the permittee shall comply with the requirements cited at 40 C.F.R. 264.196 as follows:
 - (i) Cessation of use; prevent flow or addition of wastes. The owner or operator must immediately stop the flow of hazardous waste into the tank system or secondary containment system and inspect the system to determine the cause of the release.
 - (ii) Removal of waste from tank systems or secondary containment system.
 - A. If the release was from a tank system, the permittee must, within 24 hours after detection of the leak or, if the permittee demonstrates that it is not possible, at the earliest practicable time, remove as much of the waste as is necessary to prevent further release of hazardous waste to the environment and to allow inspection and repair of the tank system to be performed.
 - B. If the material released was to a secondary containment system, all released materials must be removed within 24 hours or in as timely a manner as is possible to prevent harm to human health and the environment.

- (iii) Containment of visible releases to the environment. The permittee must immediately conduct a visual inspection of the release and, based upon that inspection:
 - A. Prevent further migration of the leak or spill to soils or surface water; and
 - B. Remove, and properly dispose of, any visible contamination of the soil or surface water.
- (iv) Notifications, reports.
 - A. Any release to the environment, except as provided in the following paragraph (iv)B, must be reported to the Department within 24 hours of its detection. If the release has been reported pursuant to 40 CFR part 302, that report will satisfy this requirement.
 - B. A leak or spill of hazardous waste is exempted from the requirements of this paragraph if it is:
 - (I) Less than or equal to a quantity of one (1) pound, and
 - (II) Immediately contained and cleaned up.
 - C. Within 30 days of detection of a release to the environment, a report containing the following information must be submitted to the Department:
 - (I) Likely route of migration of the release;
 - (II) Characteristics of the surrounding soil (soil composition, geology, hydrogeology, climate);
 - (III) Results of any monitoring or sampling conducted in connection with the release (if available). If sampling or monitoring data relating to the release are not available within 30 days, these data must be submitted to the Department as soon as they become available.
 - (IV) Proximity to downgradient drinking water, surface water, and populated areas; and
 - (V) Description of response actions taken or planned.
- (v) Provision of secondary containment, repair, or closure.
 - A. Unless the permittee satisfies the requirements of the following paragraphs (v)B through (v)D of this section, the tank system must

be closed in accordance with 40 C.F.R. 264.197 and Condition 5(b) of Section III of this permit.

- B. If the cause of the release was a spill that has not damaged the integrity of the system, the permittee may return the system to service as soon as the released waste is removed and repairs, if necessary, are made.
 - C. If the cause of the release was a leak from the primary tank system into the secondary containment system, the system must be repaired prior to returning the tank system to service.
 - D. If the source of the release was a leak to the environment from a component of a tank system without secondary containment, the permittee must provide the component of the system from which the leak occurred with secondary containment that satisfies the requirements of 40 C.F.R. 264.193 before it can be returned to service, unless the source of the leak is an aboveground portion of a tank system that can be inspected visually. If the source is an aboveground component that can be inspected visually, the component must be repaired and may be returned to service without secondary containment as long as the requirements of paragraph (vi) below of this section are satisfied. If a component is replaced to comply with the requirements of this subparagraph, that component must satisfy the requirements for new tank systems or components in 40 C.F.R. 264.192 and 264.193. Additionally, if a leak has occurred in any portion of a tank system component that is not readily accessible for visual inspection (e.g., the bottom of an inground or onground tank), the entire component must be provided with secondary containment in accordance with 40 C.F.R. 264.193 prior to being returned to use.
- (vi) Certification of major repairs. If the permittee has repaired a tank system in accordance with paragraph (v) above, and the repair has been extensive (e.g., installation of an internal liner; repair of a ruptured primary containment or secondary containment vessel), the tank system must not be returned to service unless the permittee has obtained a certification by an independent, qualified, registered, professional engineer in accordance with 40 C.F.R. 270.11(d) that the repaired system is capable of handling hazardous wastes without release for the intended life of the system. This certification must be submitted to the Department within seven days after returning the tank system to use.
9. The permittee is authorized to store products/raw materials in authorized hazardous waste storage tanks specified in paragraph 1(b) of this section. The permittee shall decontaminate hazardous waste storage tanks intended for storage of product/raw material prior to introduction of the product/raw material into the tank as follows:
- i. The permittee shall completely drain the contents of the tank;

- ii. The permittee shall remove all sludge and residual free liquids from the tank;
- iii. The permittee shall power wash the interior of the tank and remove all washwater from the tank. The permittee shall repeat the decontamination process a second time. All washwater resulting from the decontamination process shall be transferred to an authorized hazardous waste management unit and managed as a hazardous waste.

The permittee shall maintain a log at the facility tracking the activities authorized by this paragraph. The log shall include the date of the decontamination process, the tanks decontaminated, destination of the waste removed from the tank(s) prior to decontamination and the origin/nature of the product/raw material to be stored in the tank(s). The log shall be maintained at the facility as specified in condition 4(e) of this section.

- 10. The permittee shall maintain spill collection troughs or similar devices under each tank farm loading/unloading manifold to collect liquids resulting from transfer line connection/disconnection activities as detailed in Section 3 of the Part B permit application cited in paragraph 12(a) of Section II of this permit. Liquids accumulated within these troughs/devices shall be transferred to an authorized hazardous waste storage tank on a basis which ensures that the troughs/devices do not spill or over flow.
 - 11. All hazardous waste transfer pumps shall be placed within secondary containment units as detailed in Section 3 of the Part B permit application cited in paragraph 12(a) of Section II of this permit.
 - 12. Tank high liquid level alarms and automatic waste feed cut-off devices shall be installed on all hazardous waste storage tanks as specified in paragraph 6(h) of this section. All tank liquid high level alarms and automatic waste feed cut-off devices shall be maintained and operated as detailed in Section 3 of the Part B permit application cited in paragraph 12(a) of Section II of this permit and Administrative Consent Order HM-020-90, dated June 24, 1993.
 - 13. Stormwater accumulated in tank farm secondary containment units shall be removed to tank 75 (LRSA tank) prior to discharge of the stormwater to the Linden Roselle Sewage Authority (LRSA) in accordance with the permittee's NJPDES/SSIU discharge permit. If tank 75 is full and situation warrants, the permittee may also use other authorized empty tanks for storage of storm water prior to discharge to LRSA in accordance with the permittee's NJPDES/SSIU discharge permit.
13. Process Area Receivers CT-1 through CT-4 shall be used solely to receive distillation column effluents prior to recharge of the material back to the distillation process and column washwater effluent from hazardous waste management units C-1100 through C-1300. Materials placed within Receivers CT-1 through CT-4 shall be analyzed to verify conformance with the product specifications specified in Condition 7 of this section prior to transfer of the material to a designated product storage tank. Results of the analysis shall be maintained at the facility as specified in Condition 7(d) of this section.

15. Receivers VR-1 and VR-2 shall be maintained as specified in this paragraph and shall be used solely to receive waste transferred from containers in Container Storage Area 1 prior to transfer of the waste to an authorized hazardous waste storage/treatment unit.

(c) Equipment for Fuel Blending of Waste

The permittee is authorized to treat wastes specified in paragraphs 2(b) and 2(d) of this section in tanks using internal tank blending equipment as follows:

<u>Equipment Number</u>	<u>Capacity</u>	<u>Use</u>
Tank #213 with agitator	32,000 gallons	Blending of solvent/waste mixtures to produce a hazardous waste industrial fuel
Tank #214 with agitator	32,000 gallons	Blending of solvent/waste mixtures to produce a hazardous waste industrial fuel
Tank #215 with agitator	20,000 gallons	Blending of solvent/waste mixtures to produce a hazardous waste industrial fuel

(d) Proposed Vehicle Loading/Unloading Areas

1. The permittee will be authorized to store wastes specified in paragraphs 2(a) through 2(d) of this section in transport vehicles upon completion of construction of the units and structures specified in paragraph 6(g) of this section. The permittee shall conduct all vehicle loading/unloading operations within Truck Stations 1 through 4 as detailed in Section 4.2 and on Drawings 92-6350B-002, 115, 116, 134, 520, 521, 522, and 526 of the Part B permit application cited in paragraph 12(a) of Section II of this permit and as follows:

<u>Parking Area</u>	<u>Capacity at Any One Time</u>
Truck Station 1	Two (2) bulk tank trucks up to 7,500 gallons capacity each
Truck Station 2	Any four (4) of the following vehicles: <ol style="list-style-type: none"> 1. Bulk tank trucks up to 6,000 gallons capacity 2. Box Trailers with up to eighty (80) - 55 gallon drums each or an equivalent volume in containers
Truck Station 3	Two (2) bulk tank trucks up to 7,500 gallons capacity each
Truck Station 4	Four (4) Box Trailers with up to eighty (80) - 55 gallon drums each or an equivalent volume in containers

The permittee shall not begin use of the vehicle loading/unloading areas for storage of waste in the transport vehicles specified in this paragraph prior to complying with all requirements specified in condition 6(g) of this section.

2. All proposed vehicle parking areas identified above shall be provided with impermeable secondary containment units which comply with the secondary containment requirements specified at 40 C.F.R. 264.175.
3. Spilled or leaked wastes shall be removed from the secondary containment units daily. Accumulated precipitation shall be removed from the secondary containment units in a timely manner as is necessary to prevent blockage or overflow of the secondary containment unit collection system.

(e) Proposed Railcar Loading/Unloading Station

The permittee will be authorized to store hazardous and non-hazardous wastes specified in paragraphs 2(a) through 2(d) of this section in railcars for the purpose of loading/unloading and transfer operations as detailed in Section 3 and Drawings 92-6350B-002, 117, 635-4000-300 through 306, 502 and 504 of the Part B permit renewal application cited in paragraph 1(a) of this section and as follows:

<u>Loading/Unloading Area</u>	<u>Maximum Capacity</u>
Railcar Siding	One (1) 26,000 gallon rail car

The permittee shall not begin the use of the rail car loading/unloading area for storage of hazardous or non-hazardous waste in rail cars specified in this paragraph prior to complying with the requirements specified in paragraphs 6(j) of this section.

1. The rail car loading/unloading area shall be provided with impermeable secondary containment units which comply with the secondary containment requirements specified at 40 C.F.R. 264.175.
2. All railcar loading/unloading and transfer operations shall be conducted within the secondary containment unit of the rail car loading/unloading area during all hazardous and non-hazardous waste loading/unloading or transfer operations.
3. Spilled or leaked wastes and accumulated precipitation shall be removed from the secondary containment units in a timely manner as is necessary to prevent blockage or overflow of the secondary containment unit collection system. The permittee shall maintain a dedicated high rate pump connecting the secondary containment unit accumulation sump to the Tank Farm 2 secondary containment unit which shall be automatically activated by the level sensors in the sump to remove any spilled waste in excess of the containment capacity of the railcar loading/unloading area secondary containment unit. A separate dedicated pump connecting the secondary containment unit to Tank 75 shall be maintained in order to remove any accumulated precipitation.

(f) Storage and Treatment of Non-Hazardous Waste in Hazardous Waste Management Units

1. The permittee is authorized to store containerized non-hazardous waste specified in paragraph 2(a) through 2(d) of this section at the hazardous waste container storage areas specified in paragraph 1(a) of this section as detailed in the Non-Hazardous Waste Management Plan cited in paragraph 12(a)9 of Section II of this permit and as follows:
 - i. Containerized non-hazardous waste stored in authorized hazardous waste container storage areas shall be subject to all applicable conditions of this section including waste analysis, inspection and log requirements.
 - ii. Containerized non-hazardous waste stored in authorized hazardous waste storage areas shall count toward the authorized hazardous waste storage capacity of the unit.
2. The permittee shall affix a label to all containers of non-hazardous waste received at the facility. Each non-hazardous waste container label shall indicate that the waste is non-hazardous and shall include the following:
 - i. Shipper address
 - ii. Proper DOT shipping name
 - iii. Contents
 - iv. Receipt date (on container)
 - v. Bill of Lading no. (on container)
3. The permittee is authorized to store non-hazardous waste specified in paragraphs 2(a) through 2(d) of this section in hazardous waste storage tanks specified in paragraph 1(b) of this section as detailed in Non-Hazardous Waste Management Plan cited in paragraph 12(a)9 of Section II of this permit and as follows:
 - i. Non-hazardous waste stored in authorized hazardous waste storage tanks shall be subject to all conditions of this section including waste analysis, inspection and log requirements.
 - ii. Non-hazardous waste stored in authorized hazardous waste storage tanks shall count toward the authorized hazardous waste tank storage capacity of the unit.
4. The permittee is authorized to treat non-hazardous wastes specified in paragraphs 2(a) through 2(d) of this section. Non-hazardous wastes treated in authorized hazardous waste units shall be managed as hazardous wastes in accordance with all conditions of this section while being processed at the hazardous waste treatment units.
5. The permittee shall prepare a Non-hazardous Waste Receipt Report (NHWRR) annually as detailed in Section 1.5 of the Non-hazardous Waste Management Plan cited in paragraph 12(a)9 of Section II of this permit. The permittee shall submit the NHWRR to the Department at the address cited in Condition 11 of Section II of this permit upon completion. The NHWRR shall include the following information for each non-hazardous waste stream received at the facility;
 - i. The generator or shipper of the waste

- ii. The description of the waste stream received
 - iii. The volume of the waste received
 - iv. Whether the waste was received as a bulk shipment or in containers
 - v. Whether the waste was recovered, fuel blended or transferred off-site
- (g) The permittee is authorized to transfer waste from individual transport vehicles to a single designated transport vehicle for the purposes of either bulking the wastes prior to shipment of the wastes off-site to an authorized facility or to place the waste within a more appropriate transport vehicle for shipment off-site to an authorized facility. The permittee shall perform vehicle transfer operations as follows:
- 1. The permittee shall transfer only hazardous waste streams specified in paragraphs 2(c) and 2(d) of this section into any single receiving transport vehicle. The permittee may commingle hazardous waste streams with identical USDOT shipping descriptions (provided commingling does not constitute treatment) within the same receiving vehicle. All hazardous waste codes listed in item J of the manifests of all commingled hazardous waste streams shall also be referenced in item J of the outgoing manifest used to ship the commingled hazardous waste stream off-site. The permittee is authorized to transfer any non-hazardous waste specified in paragraphs 2(c) and 2(d) of this section into single receiving transport vehicles provided the non-hazardous waste streams are compatible to each other. The permittee shall obtain advanced approval for acceptability of the commingled hazardous and non-hazardous waste streams from the destined off-site facility prior to receiving the shipment.
 - 2. The permittee shall not ship any waste managed in accordance with this paragraph to an off-site facility other than the pre-arranged facility specified in paragraph 1(g)1 of this section without prior written approval of the change from the Bureau of Hazardous Waste and Transfer Facilities. All wastes transferred in accordance with this paragraph shall be shipped off-site with Safety-Kleen Systems, Inc. as the generator of the waste.
 - 3. All vehicle transfer operations shall be conducted within impermeable secondary containment units which comply with the secondary containment requirements specified at 40 C.F.R. 264.175. The permittee is authorized to conduct vehicle transfer operations in the areas specified in paragraph 1(d) of this section as follows:
 - i. Vehicles involved in vehicle transfer operations shall be located within the same secondary containment unit during all vehicle transfer operations. Vehicle transfer operations between vehicles located in separate containment units may only be conducted if the two secondary containment units in question are connected with hard piping; and
 - ii. Vehicle transfer areas shall be maintained and operated as specified in paragraph 1(d) of this section during all transfer operations.

4. The permittee shall reference the manifest numbers of the individual incoming shipments of bulk hazardous waste comprising each load of bulked hazardous waste for shipment off-site on the respective bulk transfer tracking documents. The permittee shall attach the tracking documents to the facility copy of the manifest used to ship the hazardous waste load off-site and include it in the facility operating record for inspection by the Department.
 5. The permittee shall reference the Bill of Lading numbers of each individual incoming shipment of bulk non-hazardous waste comprising each load of bulked non-hazardous waste for shipment off-site on the respective bulk transfer tracking documents. The permittee shall attach the tracking documents to the facility copy of the Bill of Lading used to ship the non-hazardous waste load off-site and include it in the facility operating record for inspection by the Department.
 6. Deleted 06/28/02
 7. The permittee shall classify each bulked waste load to be shipped off-site using the waste codes for each individual waste stream comprising the final bulked waste load.
 8. The permittee shall maintain a log of all vehicle transfer operations authorized by this paragraph. At a minimum, the log shall include the following information:
 - i. The vehicle loading/unloading area used for each individual transfer operation;
 - ii. The date of receipt of each individual load comprising the final bulked load and the date of shipment off-site of the final bulked load;
 - iii. The Vehicle Decal No. of the designated receiving vehicle and all individual vehicles transferring waste to the designated receiving vehicle;
 - iv. The description, waste code and amount of each waste stream transferred to the designated receiving vehicle;
 - v. The manifest or bill of lading number, generator(s) and individual waste quantities as indicated on each incoming waste shipment document comprising each final bulked waste load shipped off-site;
 - vi. The manifest or bill of lading number, quantity, waste description and waste code of each bulked waste load shipped off-site.
- (h) The permittee is authorized to accept shipments of containerized wastes specified in paragraph 2(c) and 2(d) of this section for storage in the same original container and subsequent shipment off-site to an authorized facility as follows:

Modified 06/28/02

1. The permittee shall not open any container received for transfer activities specified in this paragraph prior to receiving written approval from the Bureau of Hazardous Waste and Transfer Facilities.
2. The permittee shall not ship any waste managed in accordance with this paragraph to an off-site facility other than the pre-arranged facility specified in paragraph 1(h)1 of this section without prior written approval of the change from the Bureau of Hazardous Waste and Transfer Facilities. All containerized wastes transferred in accordance with this paragraph shall be shipped off-site with Safety-Kleen Systems, Inc. as the generator of the waste.
3. The permittee shall store all containerized waste shipments received for shipment off-site in the original container in accordance with this paragraph in authorized hazardous waste container storage areas specified in paragraph 1(a) of this section prior to shipment of the waste off-site to an authorized facility.
4. The permittee shall maintain a log of all container transfer operations authorized by this paragraph. At minimum, the log shall include the following information:
 - i. The manifest or Bill of Lading No. and the generator name of each containerized waste load comprising the final waste load shipped off-site;
 - ii. Unless included on the manifest or Bill of Lading specified in paragraph 1(h)4iii of this section, a listing of all waste codes of each containerized waste load comprising the final waste load shipped off-site; and
 - iii. The manifest or Bill of Lading No. and date of shipment off-site of the final waste load.

The permittee shall maintain the log as specified in paragraph 4(e) of this section.

5. The permittee shall ship off-site all containers received and managed in accordance with this paragraph within one (1) year from the date of receipt.
 - (i) The permittee is authorized to accept containerized and bulk shipments of wastes specified in paragraphs 2(c) and 2(d) of this section for bulking in tanks at the site for storage and subsequent shipment off-site to an authorized facility as follows:
 1. Deleted 06/28/02

2. The permittee shall store the contents of containerized waste shipments received for subsequent shipment off-site in accordance with this paragraph in authorized hazardous waste storage tanks specified in condition 1(b) of this section prior to shipment of the waste off-site to an authorized facility.
3. The permittee shall store all bulk waste received for subsequent shipment off-site in accordance with this paragraph in authorized hazardous waste storage tanks specified in condition 2(b) of this section prior to shipment of the waste off-site to an authorized facility.
4. The permittee is authorized to commingle hazardous and non-hazardous waste streams received for transfer within the same authorized hazardous waste storage tank prior to transfer of the waste off-site. Prior to commingling different hazardous or non-hazardous waste within the same hazardous waste storage tank, the permittee shall complete the following:
 - i. Determine the compatibility of the waste to be commingled using the analysis procedures as detailed in the permittee's Waste Analysis Plan. The permittee shall not commingle hazardous or non-hazardous wastes which are incompatible within the same tank.
 - ii. Receive advanced approval of acceptability of the commingled hazardous or non-hazardous waste stream from the ultimate off-site hazardous waste facility intended for shipment of the wastes.
5. All bulk hazardous waste loads which contain both hazardous and non-hazardous waste shall be classified as a hazardous waste and shall be shipped off-site using a manifest. The permittee shall classify each bulk load transferred off-site using all individual hazardous and non-hazardous waste codes of each waste stream comprising the final bulk waste load. The permittee shall specify all of the required hazardous and non-hazardous waste codes on the manifest used to ship the final bulk waste load off-site. The permittee shall also reference all Manifest and Bill of Lading numbers of each individual incoming hazardous and non-hazardous waste load comprising the final bulk hazardous waste shipment on individual bulk transfer tracking documents as specified in conditions 1(g)4 and 1(g)5 of this section.
6. The permittee shall maintain a log of all operations authorized by this paragraph. At a minimum, the log shall include the following information:

- i. The tank(s) used for storage of the commingled hazardous and non-hazardous waste(s) prior to transfer of the waste(s) off-site;
- ii. The Manifest No., or Bill of Lading No., and the generator name of each incoming waste load comprising the final bulk waste load;
- iii. Unless included on the manifest or Bill of Lading specified in condition 1(i)6v of this section, listing of all waste codes of each waste load comprising the final bulk waste load;
- iv. The date and amount of addition of each individual waste load comprising the final bulk waste load; and
- v. The Manifest No. or Bill of Lading No. and date of shipment of the final bulk waste load off-site.

The permittee shall maintain the log as specified in condition 3(e) of this section.

7. The permittee shall transfer all waste received as specified in this paragraph within one (1) year from the date of receipt.
 8. The permittee shall decontaminate all hazardous waste tanks used for bulking of waste destined for transfer off-site in accordance with this paragraph prior to use of the tanks for storage of waste received for recovery or fuel blending operations. The permittee shall remove all hazardous waste/sludge and decontaminate the tanks using detergent and water. All residues resulting from the decontamination process specified in this paragraph shall be shipped off-site to an authorized facility.
 9. The permittee shall not ship off-site any hazardous or non-hazardous waste managed in accordance with this paragraph to an off-site facility other than the prearranged facility specified in Condition 1(i)1 of this section without prior written approval of the change from the Bureau of Hazardous Waste and Transfer Facilities. Requests for approval to change the designated off-site facility shall be accompanied by a justification for the change.
- (j) The permittee shall comply with the following additional requirements regarding the shipment of wastes in accordance with conditions 1(g), 1(h) and 1(i) of this section:
1. The permittee shall not discharge any wastes received for activities specified in conditions 1(g), 1(h) or 1(i) of this section. All wastes received in accordance with conditions 1(g), 1(h) and 1(i) of this section shall be transported off-site to an authorized facility.
 2. The permittee shall not ship off-site any wastes received for the activities specified in conditions 1(g), 1(h) or 1(i) of this section as a "product" shall be accepted, treated and analyzed for adherence to product specifications in accordance with all waste recovery conditions of this permit.
- (k) The permittee shall obtain and adhere to the requirements specified in all permits to Construct, Install or Alter Control Apparatus or Equipment and Certificates to Operate

Control Apparatus or Equipment required for all hazardous and non-hazardous waste storage or treatment units utilized by the permittee in accordance with the requirements of the Department's Air Quality Regulation Program.

2. Authorized Wastes

- (a) The permittee is authorized to accept the following waste types for solvent recovery by distillation or other thermal treatment operations:

<u>Hazardous Waste Numbers</u>	<u>Description of Hazardous Waste</u>
D001	Liquids exhibiting the characteristic of ignitability.
D002	Liquids exhibiting the characteristic of corrosivity.
D003	Spent solvents exhibiting the characteristics of reactivity.
D004, D005, D006, D007, D008, D009, D010, D011	Hazardous waste liquids which exhibit the characteristic of toxicity from the following metals: Arsenic Lead Barium Mercury Cadmium Selenium Chromium Silver
D018, D019, D021, D022 D023, D024, D025, D026 D027, D028, D029, D030 D031, D032, D033, D034 D035, D036, D037, D038 D039, D040, D041, D042 D043	Hazardous waste liquids which exhibit the characteristic(s) of toxicity due to the following chemical species: Benzene Carbon Tetrachloride Chlordane Chlorobenzene Chloroform o-Cresol m-Cresol p-Cresol 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethylene 2,4-Dinitrotoluene Heptachlor(and its Hydroxide) Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Methyl Ethyl Ketone

Nitrobenzene
Pentachlorophenol
Pyridine
Tetrachloroethylene
Trichloroethylene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
Vinyl Chloride

F001 The following spent halogenated solvents used in degreasing: Tetrachloroethylene, Trichloroethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures

F002 The following spent halogenated solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro 1,2,2-Trifluoroethane, 0-Dichlorobenzene, Trichlorofluoromethane, and 1,1,2-Trichloroethane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and the still bottoms from the recovery of these spent solvents and spent solvent mixtures

F003 The following spent non-halogenated solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, n-Butyl Alcohol, Cyclohexanone, and Methanol; all spent solvent mixtures/blends containing, before use, only the non-halogenated solvents listed above; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and the still bottoms from the recovery of these spent solvents and spent solvent mixtures

F004 The following spent non-halogenated solvents: Cresols and Cresylic Acid, and Nitrobenzene; all spent solvent mixtures/blends containing, before

use, a total of 10 percent or more (by volume) of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and all still bottoms from the recovery of these spent solvents and spent solvent mixtures

F005	The following spent non-halogenated solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, and 2-Nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the non-halogenated solvents listed above or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures
K086	Solvent washes from cleaning tubs and equipment used in the formulation of ink from pigments, driers and stabilizers containing chromium and lead.
U002	Acetone
U009	Acrylonitrile
U019	Benzene
U031	1-Butanol
U037	Benzene, chloro-
U051	Creosote
U056	Cyclohexane
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U077	Ethane, 1,2-dichloro-
U080	Methane, dichloro-
U083	1,2-Dichloropropane
U092	Dimethylamine
U107	Di-n-octyl phthalate
U108	1,4-Diethylene dioxide
U122	Methylene oxide
U140	Isobutyl alcohol
U154	Methanol
U159	2-Butanone
U161	Methyl isobutyl ketone
U169	Nitrobenzene
U171	2-Nitropropane
U188	Phenol
U196	Pyridine
U210	Tetrachloroethylene
U213	Tetrahydrofuran
U220	Toluene
U226	Methylchloroform
U228	Trichloroethylene

U239

Xylene

Non-hazardous Waste

ID72 Liquid or a mixture consisting of solid matter suspended in liquid media which is contained within, or discharged from, any one vessel, tank or other container which has the capacity of twenty (20) gallons or more, as defined in N.J.A.C. 7:26-2.13(h)1i, excluding septic tank clean-out wastes and liquid sewage sludge.

- (b) The permittee is authorized to accept the following waste types in containers or bulk loads for blending in tanks in order to produce a solvent based fuel as specified in condition 1(c) of this section:

Hazardous Waste Numbers

Description of Hazardous Waste

D001

Ignitable liquids.

D002

Liquids exhibiting the characteristic of corrosivity.

D003

Spent non-halogenated solvents exhibiting the characteristics of reactivity.

D004, D005, D006,
D007, D008, D009,
D010, D011

Hazardous waste liquids which exhibit the characteristic of toxicity from the following metals:

Arsenic	Lead
Barium	Mercury
Cadmium	Selenium
Chromium	Silver

D018, D019, D021, D022
D023, D024, D025, D026
D027, D028, D029, D030
D031, D032, D033, D034
D035, D036, D037, D038
D039, D040, D041, D042
D043

Hazardous waste liquids which exhibit the characteristic(s) of toxicity due to the following chemical species:

Benzene
Carbon Tetrachloride
Chlordane
Chlorobenzene
Chloroform
o-Cresol
m-Cresol
p-Cresol
1,4-Dichlorobenzene
1,2-Dichloroethane
1,1-Dichloroethylene

2,4-Dinitrotoluene
Heptachlor (and its Hydroxide)
Hexachlorobenzene
Hexachlorobutadiene
Hexachloroethane
Methyl Ethyl Ketone
Nitrobenzene
Pentachlorophenol
Pyridine
Tetrachloroethylene
Trichloroethylene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
Vinyl Chloride

F001 The following spent halogenated solvents used in degreasing: Tetrachloroethylene, Trichloroethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures

F002 The following spent halogenated solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro 1,2-2-Trifluoroethane, 0- Dichlorobenzene, Trichlorofluoromethane, and 1,1,2-Trichloro- ethane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and the still bottoms from the recovery of these spent solvents and spent solvent mixtures

F003 The following spent non-halogenated solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, n-Butyl Alcohol, Cyclohexanone, and Methanol; all spent solvent mixtures/blends containing, before use, only the non-halogenated solvents listed above; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and

the still bottoms from the recovery of these spent solvents and spent solvent mixtures

F004

The following spent non-halogenated solvents: Cresols and Cresylic Acid, and Nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and all still bottoms from the recovery of these spent solvents and spent solvent mixtures

F005

The following spent non-halogenated solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, and 2- Nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the non-halogenated solvents listed above or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures

F037

Petroleum refinery primary oil/water/solids separations sludge: Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters or oily cooling waters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators, tanks and impoundments, ditches and other conveyances, sumps, and stormwater units receiving dry weather flow. Sludges generated in units that do not receive dry weather flow, sludges generated in aggressive biological treatment units defined at 40 CFR part 261.31(b)2 (including sludges generated in one or more additional units after wastewaters have been treated in aggressive treatment units). K051 wastes are exempt from this listing.

F038

Petroleum refinery secondary emulsified oil/water/solids separation sludge: Any sludge and/or float generated from the physical or chemical separation of oil/water/solids in process wastewater and oily wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air floatation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive

dry weather flow, sludges generated in aggressive biological treatment units defined at 40 CFR Part 261.31(b)2 (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048 and K051 wastes are exempt from this listing.

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| F039 | Leachate resulting from the treatment, storage or disposal of wastes classified by one or more than one waste code under 40 CFR Part 261 Subpart D, or from a mixture of wastes classified under 40 CFR part 261 Subparts C and D (Leachate resulting from the management of one or more of the following hazardous waste and no other hazardous waste retains its hazardous waste code(s): F020, F021, F023, F026, F027, and/or F028.). |
| K001 | Bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. |
| K011 | Bottom stream from the wastewater stripper in the production of acrylonitrile. |
| K013 | Bottom sludge from the acetonitrile column in the production of acrylonitrile. |
| K022 | Distillation bottoms from the production of phenol/acetone. |
| K027 | Centrifuge and distillation residues from toluene diisocyanate production. |
| K048 | Dissolved air floatation float (DAF) from the petroleum refining industry. |
| K049 | Slop oil emulsion solids from the petroleum refining industry. |
| K050 | Heat exchanger bundle cleaning sludge from the petroleum refining industry. |
| K051 | API separator sludge from the petroleum refining industry. |
| K052 | Tank bottoms (leaded) from the petroleum refining industry. |

K086	Solvent washes from cleaning tubs and equipment used in the formulation of ink from pigments.
K087	Decanter tank tar sludge from coking operations
K104	Combined wastewater streams generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K111	Production wash wasters from the production of dinitrotoluene via nitration of toluene.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
U002	Acetone
U009	Acrylonitrile
U019	Benzene
U031	1-Butanol
U037	Benzene, Chloro-
U051	Creosote
U056	Cyclohexane
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U077	Ethane, 1,2-dichloro-
U080	Methane, dichloro-
U083	1,2-Dichloropropane
U092	Dimethylamine
U107	Di-n-octyl phthalate
U108	1,4-Diethylene dioxide
U122	Methylene oxide
U140	Isobutyl alcohol
U154	Methanol
U159	2-Butanone
U161	Methyl isobutyl ketone
U169	Nitrobenzene
U171	2-Nitropropane
U188	Phenol
U196	Pyridine
U210	Tetrachloroethylene
U213	Tetrahydrofuran
U220	Toluene
U226	Methylchloroform
U228	Trichloroethylene
U239	Xylene

Non-hazardous Waste

ID72 Liquid or a mixture consisting of solid matter suspended in liquid media which is contained within, or discharged from, any one vessel, tank or other container which has the capacity of twenty (20) gallons or more, as defined in N.J.A.C. 7:26-2.13(h)li, excluding septic tank clean-out wastes and liquid sewage sludge.

(c) The permittee is authorized to accept the following waste types in containers and bulk loads for storage and subsequent transfer off-site to authorized hazardous waste facilities as specified in conditions 1(g) through 1(i) of this section:

<u>Hazardous Waste Numbers</u>	<u>Description of Hazardous Waste</u>																	
D001	Ignitable liquids																	
D002	Liquids exhibiting the characteristic of corrosivity.																	
D003	Spent non-halogenated solvents exhibiting the characteristic of reactivity.																	
D004, D005, D006, D007, D008, D009, D010, D011,	Hazardous waste liquids which exhibits the characteristic of toxicity from the following metals: <table border="0" style="margin-left: 20px;"> <tr> <td>Arsenic</td> <td>Lead</td> </tr> <tr> <td>Barium</td> <td>Mercury</td> </tr> <tr> <td>Cadmium</td> <td>Selenium</td> </tr> <tr> <td>Chromium</td> <td>Silver</td> </tr> </table>	Arsenic	Lead	Barium	Mercury	Cadmium	Selenium	Chromium	Silver									
Arsenic	Lead																	
Barium	Mercury																	
Cadmium	Selenium																	
Chromium	Silver																	
D018, D019, D021, D022 D023, D024, D025, D026 D027, D028, D029, D030 D031, D032, D033, D034 D035, D036, D037, D038 D039, D040, D041, D042 D043	Hazardous waste liquids which exhibit the characteristic(s) of toxicity due to the following chemical species: <table border="0" style="margin-left: 20px;"> <tr><td>Benzene</td></tr> <tr><td>Carbon Tetrachloride</td></tr> <tr><td>Chlordane</td></tr> <tr><td>Chlorobenzene</td></tr> <tr><td>Chloroform</td></tr> <tr><td>o-Cresol</td></tr> <tr><td>m-Cresol</td></tr> <tr><td>p-Cresol</td></tr> <tr><td>1,4-Dichlorobenzene</td></tr> <tr><td>1,2-Dichloroethane</td></tr> <tr><td>1,1-Dichloroethylene</td></tr> <tr><td>2,4-Dinitrotoluene</td></tr> <tr><td>Heptachlor (and its Hydroxide)</td></tr> <tr><td>Hexachlorobenzene</td></tr> <tr><td>Hexachlorobutadiene</td></tr> <tr><td>Hexachloroethane</td></tr> <tr><td>Methyl Ethyl Ketone</td></tr> </table>	Benzene	Carbon Tetrachloride	Chlordane	Chlorobenzene	Chloroform	o-Cresol	m-Cresol	p-Cresol	1,4-Dichlorobenzene	1,2-Dichloroethane	1,1-Dichloroethylene	2,4-Dinitrotoluene	Heptachlor (and its Hydroxide)	Hexachlorobenzene	Hexachlorobutadiene	Hexachloroethane	Methyl Ethyl Ketone
Benzene																		
Carbon Tetrachloride																		
Chlordane																		
Chlorobenzene																		
Chloroform																		
o-Cresol																		
m-Cresol																		
p-Cresol																		
1,4-Dichlorobenzene																		
1,2-Dichloroethane																		
1,1-Dichloroethylene																		
2,4-Dinitrotoluene																		
Heptachlor (and its Hydroxide)																		
Hexachlorobenzene																		
Hexachlorobutadiene																		
Hexachloroethane																		
Methyl Ethyl Ketone																		

Nitrobenzene
Pentachlorophenol
Pyridine
Tetrachloroethylene
Trichloroethylene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
Vinyl Chloride

- F001 The following spent halogenated solvents used in degreasing: Tetrachloroethylene, Trichloroethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004 and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures
- F002 The following spent halogenated solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro 1,2,2-Trifluoroethane, 0- Dichlorobenzene, Trichlorofluoromethane, and 1,1,2-Trichloroethane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and the still bottoms from the recovery of these spent solvents and spent solvent mixtures
- F003 The following spent non-halogenated solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, n-Butyl Alcohol, Cyclohexanone, and Methanol; all spent solvent mixtures/blends containing, before use, only the non-halogenated solvents listed above; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of 10 percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 and F005; and the still bottoms from the recovery of these spent solvents and spent solvent mixtures
- F004 The following spent non-halogenated solvents: Cresols and Cresylic Acid, and Nitrobenzene; all

spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and all still bottoms from the recovery of these spent solvents and spent solvent mixtures

- F005 The following spent non-halogenated solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, and 2- Nitropropane; all spent solvent mixtures/blends containing, before use, a total of 10 percent or more (by volume) of one or more of the non-halogenated solvents listed above or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures
- F006 Wastewater treatment sludges from electroplating operations except from the following processes: 1. sulfuric acid anodizing of aluminum; 2. tin plating on carbon steel; 3. zinc plating (segregated basis) on carbon steel; 4. aluminum or zinc-aluminum plating on carbon steel; 5. cleaning/stripping associated with zinc, tin and aluminum plating on carbon steel and 6. chemical etching and milling of aluminum.
- F007 Spent cyanide plating bath sludges from electroplating operations (except for precious metals electroplating spent cyanide bath sludge).
- F008 Plating bath sludges from the bottom of plating baths from electroplating operations where cyanides are used in the process.
- F009 Spent cleaning and stripping solutions from electroplating operations where cyanides are used in the process.
- F010 Quenching bath sludge from oil bath solutions from electroplating operations where cyanides are used in the process.
- F011 Spent cyanide sludges from salt bath pot cleaning from metal treating operations (except for precious metals heat treating spent sludges from salt bath pot cleaning).
- F012 Quenching waste water treatment sludges from metal heat treating operations where cyanides are

used in the process (except for precious metal heat treating quenching wastewater treatment sludges).

F019

Wastewater treatment sludge from the chemical conversion of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.

F037

Petroleum refinery primary oil/water/solids separation sludge: Any sludge generated from the gravitational separation of oil/water/ solids during the storage or treatment of process wastewaters or oily cooling waters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators, tanks and impoundments, ditches and other conveyances, sumps, and stormwater units receiving dry weather flow. Sludges generated in units that do not receive dry weather flow, sludges generated in aggressive biological treatment units defined at 40 CFR Part 261.31(b)2 (including sludges generated in one or more additional units after wastewaters have been treated in aggressive treatment units). K051 wastes are exempt from this listing.

F038

Petroleum refinery secondary (emulsified) oil/water/solids separation sludge: Any sludge and/or float generated from the physical or chemical separation of oil/water/solids in process wastewater and oily waste waters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air floatation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units defined at 40 CFR Part 261.31(b)2 (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048 and K051 wastes are exempt from this listing.

F039

Leachate resulting from the treatment, storage or disposal of wastes classified by one or more than one waste code under 40 CFR Part 261 Subpart D, or from a mixture of wastes classified under CFR Part 261 Subparts C and D (Leachate resulting from the management of one or more of the following hazardous wastes retains its hazardous

waste code(s): F020, F021, F023, F026, F027, and/or F028).

K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.
K013	Bottom sludge from the acetonitrile column in the production of acrylonitrile.
K021	Spent antimony catalyst sludge from fluoromethanes production.
K022	Distillation bottoms from the production of phenol/acetone.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K048	Dissolved air floatation float (DAF) from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.

K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K062	Spent pickle sludge from steel finishing operations.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from the treatment of process wastewater and/or acid plant blowdown slurry from primary copper production.
K071	Brine purification muds from the mercury cell process in chlorine production where separately purified brine is not used.
K084	Wastewater treatment sludge generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K086	Solvent washes from cleaning tubs and equipment used in the formulation of ink from pigments.
K087	Decanter tank tar sludge from coking operations.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K104	Combined wastewater streams generated from nitrobenzene/ aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.

K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K111	Production washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column from the production of toluenediamine via hydrogenation of dinitrotoluene.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
U002	Acetone
U009	Acrylonitrile
U019	Benzene
U031	1-Butanol
U037	Benzene, Chloro-
U051	Creosote
U056	Cyclohexane
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U077	Ethane, 1,2-dichloro-
U080	Methane, 1,2-dichloro
U083	1,2-Dichloropropane
U092	Dimethylamine
U107	Di-n-octyl phthalate
U108	1,4-Diethylene dioxide
U122	Methylene oxide
U140	Isobutyl alcohol
U154	Methanol
U159	2-Butanone
U161	Methyl isobutyl Ketone
U165	Solid naphthalene waste from chemical industry
U169	Nitrobenzene
U171	1-Nitropropane
U188	Phenol
U196	Pyridine
U210	Tetrachloroethylene
U213	Tetrahydrofuran
U220	Toluene
U226	Methylchloroform
U228	Trichloroethylene
U238	Solid urethane waste from plastic, coatings industries
U239	Xylene

Non-hazardous Waste

ID72

Liquid or mixture consisting of solid matter suspended in liquid media which is contained within, or discharged from, any one vessel, tank or other container which has the capacity of twenty (20) gallons or more, as defined at N.J.A.C. 7:26-2.13(h)1i, excluding septic tank clean-out wastes and liquid sewage sludge.

- (d) The permittee is authorized to accept the following hazardous and non-hazardous waste streams which have been determined to be uniform among all generators of that waste stream as specified in condition 3(b)4 of this section for storage, treatment and transfer as specified in Condition 1 of this section:
1. Hazardous waste spent antifreeze and ethylene glycol generated from vehicle coolant system draining and flushing.
 2. Spent aqueous brake cleaning (ABC) solution
 3. Spent mineral spirits received from Safety-Kleen customers.
 4. Non-hazardous waste spent antifreeze and ethylene glycol generated from vehicle coolant system draining and flushing.

The permittee may accept waste streams determined to be uniform among all generators of that waste stream which are not specified in this paragraph upon approval of acceptance of each individual proposed waste stream from the Department. The permittee shall submit documentation of each waste stream it considers a uniform waste, including source and waste description, to the Department at the address cited in Condition 11 of Section II of this permit for review and approval prior to being authorized to accept the stream using a uniform pre-qualification.

- (e) The permittee shall not accept any non-hazardous waste, other than the waste streams specified in conditions 2(a) through 2(d) of this section, for storage, treatment or transfer at the facility without prior written approval from the Bureau of Hazardous Waste and Transfer Facilities (Bureau). Requests to accept additional non-hazardous waste streams shall be submitted to the Bureau at the address cited in Condition 11 of Section II of this permit for approval. All non-hazardous waste accepted at the facility shall be managed as detailed in the Non-hazardous Waste Management Plan cited in condition 12(a)9 of Section II of this permit and shall be treated and stored only as specified in Condition 1 of this section or otherwise authorized by the Department. Non-hazardous waste received at the facility may be accepted under a Bill of Lading provided the Bill of Lading meets all requirements regarding non-hazardous waste collection, haulage and records requirements specified at N.J.A.C. 7:26-1 et seq.
- (f) All treated and untreated waste or product streams resulting from the mixture of hazardous and non-hazardous wastes specified in conditions 2(a) through 2(d) of this section shall be classified and managed as a hazardous waste unless otherwise specified by condition 7 of this section.

3. Waste Analysis and Quality Assurance Requirements

- (a) The permittee shall adhere to the provisions of the Waste Analysis Plan cited in condition 12(b)5 of Section II of this permit, and any subsequent revisions approved by the Division of Solid and Hazardous Waste. No changes shall be made to the Waste Analysis Plan without prior written approval of the changes from the Division of Solid and Hazardous Waste.

Modified 06/28/02

- (b) The permittee shall not accept any waste from any generator without having made a prior determination that each candidate waste stream is adequately classified as a waste authorized for acceptance at the facility in accordance with Condition 2 of this section. The facility shall determine the acceptability of each candidate waste stream not specified in condition 2(d) of this section as follows:
1. For a new waste stream, the permittee shall inspect the generator's site or review the waste generation process with the generator and obtain accurate information about the waste stream to ensure proper classification and to determine treatment/disposal options available for the waste. The permittee must obtain from the generator, a complete and certified material profile sheet (MPS) supplied by the permittee. If the generator's knowledge is not sufficient to complete the MPS, the permittee shall require that the waste be sampled and analyzed to complete the information on the MPS. From the information provided in the MPS, the permittee shall determine if the waste may be accepted at the facility for storage, treatment, and transfer in accordance with conditions of this permit. For wastes destined for transfer to other ultimate treatment/disposal facilities in accordance with conditions 1(g), 1(h), and 1(i) of this section of the permit, each waste stream must either conform to a waste profile pre-approved by the ultimate facility, or approval of acceptability must be obtained from the ultimate facility prior to authorizing shipment of the waste. All sampling and analysis shall be performed in accordance with the Quality Assurance/Quality Control methods established by the Department.
 2. The permittee shall not authorize shipment to the permittee's facility of any candidate waste stream which, after a review of the pre-shipment waste profile evaluation/analysis required above, has been determined to be a waste not authorized for acceptance in Condition 2 of this section, or for wastes destined for transfer, prior approval of acceptability has not been obtained from the ultimate facility.
 3. If a pre-shipment analysis has been provided by the generator on a submitted MPS, the permittee shall verify the generator's certified data for compliance with EPA approved sampling and test methods. If found to be not in compliance, the permittee shall analyze the received waste sample in the permittee's on-site laboratory to verify the data.
 4. For a waste stream that has been previously handled by the permittee and for which an ultimate treatment/disposal approval has been obtained, the permittee shall review the waste generation process with the generator to update the information provided in the MPS annually or whenever there is a change in the waste generation process.

Secondary Tests:

Physical Appearance	Specific Gravity
PH	% Water
Distillation Performance	Volatile Organic Analysis

iii. Paint Gun Cleaner Solvents

Primary Tests:

PCBs (<50 ppm) **

Secondary Tests:

Volatile Organic Analysis	Physical Appearance
Specific Gravity	pH
% Water	Distillation Performance

iv. Dry Cleaner Solvents

Primary Tests:

Physical Appearance	Volatile Organic Analysis
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Secondary Tests:

Specific Gravity	pH
PCBs (<50 ppm) **	

iv. Used Oil

Primary Tests:

Total Halogens	Flash Point
PCBs (<50 ppm) **	% Water

3. Industrial and Other Source Wastes:i. Toll Recycling:

Primary Tests:

Volatile Organic Analysis	Physical Appearance
PCBs (<50 ppm) **	

Secondary Tests:

pH	% Water
Specific Gravity	Distillation Performance

ii. Solvents and Aqueous Fluid Recycling and Recovery

Primary Tests:

Volatile Organic Analysis	Physical Appearance
PCBs (<50 ppm) **	

Secondary Tests:

pH	% Water
Specific Gravity	Distillation Test

ii. Fuel Blending

Primary Tests:

pH	PCBs (<50 ppm) **
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Secondary Tests:

BTU	VO Analysis
Chloride	Ash
% Water	Metals

4. Bulk and Containerized Waste Received for Transfer:

Samples shall be analyzed for wastes accepted in accordance with conditions 1(g) and 1(i) of this section of the permit to meet the requirements of the destination facility. Destination facility waste analysis requirements as well as the results of each on-site receipt analysis shall be maintained at the facility in accordance with condition 3(j) of this section of the permit.

** PCB analysis shall be conducted on an individual representative sample obtained from each bulk load received at the facility. The permittee shall analyze composite samples of containerized shipments obtained as specified in this paragraph. If the results of the analysis of a composite sample obtained from a containerized shipment reveals PCB content greater than 2 ppm, the permittee shall resample each individual container comprising the original composite sample to determine and identify any individual container that may have exceeded the authorized acceptance limit for PCBs.

The permittee shall not accept any waste which cannot be adequately characterized as a waste specified in Condition 2 of this section, or after a review of the on-site receipt analysis is determined to be not consistent with the pre-shipment analysis or which has a PCB content greater than the above specified limits. The permittee shall reject all such unauthorized waste shipments as specified in condition 3(d) of this section.

- (d) The permittee shall adhere to the following regarding rejection of unauthorized waste shipments:
1. The permittee shall not accept any waste unless the waste to be accepted is a waste for which the facility is authorized by Condition 2 of this section.
 2. The permittee, if offered hazardous waste of a type which the facility is not authorized to accept, shall:
 - i. Not accept the waste from the hauler;
 - ii. Instruct the hauler to contact the generator for further instructions;
 - iii. Telephone the generator, and inform the generator that the permittee is not authorized to accept the waste and that the permittee has instructed the hauler to contact the generator for further instruction;
 - iv. Follow up the telephone call to the generator with a letter verifying the telephone conversation;
 - v. Telephone the Department at (609) 292-8341, and report the unauthorized waste shipment; and

- vi. Follow up the telephone call to the Department with a letter verifying the telephone conversation.
 3. In the event that the representative sample from any bulk shipment yields a PCB analysis greater than fifty (50) ppm, the PCB content shall be deemed unacceptable and the permittee shall:
 - i. Provide oral and written notifications to the Department pursuant to Condition 12(f) of Section I of this permit;
 - ii. Refrain from unloading the bulk shipment; and
 - iii. Keep the loaded delivery trailer parked in a contained area until further direction is received from the Department.
 4. In the event that some or all containers of a hazardous or non-hazardous waste shipment have been identified to contain greater than fifty (50) ppm of PCBs, those containers shall be deemed unacceptable and the permittee shall:
 - i. Provide oral and written notifications to the Department pursuant to Condition 12(f) of Section I of this permit;
 - ii. Refrain from processing the drums exceeding the PCB acceptance limit; and
 - iii. Hold the drums in a container storage area authorized under condition 1(a) of this section area until further direction is received from the Department.
- (e) All shipments received at the facility shall be either accepted or rejected by the permittee within twenty-four (24) hours of entering the facility. If additional time is needed due to extenuating circumstances, the permittee shall contact the Bureau of Hazardous Waste Enforcement - Metro Section during regular business hours to obtain approval for additional time requested.
- (f) The permittee shall perform annual recharacterization analyses on all incoming bulk and containerized uniform waste streams authorized under Condition 2(d) of this section. Recharacterization analysis shall be performed per calendar year for each uniform waste stream received at the facility. Documentation of such analysis shall be recorded in the facility's operating record. The permittee shall not authorize shipment of any uniform waste streams to the facility unless a recharacterization analysis for the waste stream has been conducted for that calendar year in accordance with this paragraph.
- (g) Each hazardous waste generated at this location shall be fully identified and classified in accordance with 40 C.F.R. 264.13. At a minimum, the permittee shall develop all of the information which must be known to store the waste in accordance with the provisions of this permit, as well as to treat or dispose of the waste at an authorized facility.
- (h) Sampling methods and all waste analysis shall be in accordance with the procedures outlined in the waste analysis plan cited in Condition 12(b)5 of this Section II of this permit, and shall employ equipment and analysis methods as described in the latest edition of USEPA Manual

SW-846 or as otherwise approved by the USEPA or the Department. Specifically Safety-Kleen Systems, Inc. shall adhere to the following:

<u>Test Parameter</u>	<u>Test Method</u>
Volatile Organic Compound	SW-846 Method 8000
Flash Point	SW-846 Method 1020 or ASTM Method D3828
Bulk Density	ASTM Method D1298
pH	SW-846 Method 9040, 9041 or 9045
Water Content	ASTM Method E203
Non-volatile Residue	ASTM Method D1353
Heat Content	SW-846 Method 5050 or ASTM Method D240
Total Halogens	ASTM Method D2361
Viscosity	ASTM Method D2983
Phase Information	SK Method 9912
Ash Content	SK Method 9905
Solids by Centrifugation	ASTM Method D96
Total Sulfur	ASTM Method D129
Recoverability	ASTM Method D1078
Ion Chromatography	SW-846 Method 9056 or ASTM Method D2988
PCBs	SW-846 Method 8081
Total Metals	SW-846 Method 6010 or 7000
Toxicity Characteristics	SW-846 Method 1311

- (i) The permittee shall maintain in the written Operating Record required by Condition 7 of Section II of this Permit, as per 40 C.F.R. 264.73(b)(3), records and results of all waste analyses performed. Such records and results shall be entered into the written Operating Record as they become available and shall be maintained until closure of the facility.
- (j) The permittee shall also maintain the following information in the written Operating Record:
 1. The individual who performed the sampling or measurements;
 2. The date analyses were performed;
 3. The individual who performed the analysis;
 4. The results from the tests for the parameters listed in the above table; and
 5. Copies of all manifests.

4. Inspection Requirements (40 C.F.R. 264.15, 264.174, 264.174 and 270.14(b)(5))

- (a) The permittee shall inspect the areas and items listed below as detailed in Section 5 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit on a daily basis for deterioration or malfunction as noted which may lead to a discharge of

hazardous or non-hazardous waste or a threat to human health and the environment. Results of the inspections shall be made part of the inspection log and shall be maintained as specified in condition 4(e) of this section.

1. Existing and Proposed Container Storage Areas Specified in conditions 1(a), 1(d) and 1(e) of this Section.
 - i. Check if all containers (drums, truck trailers and railcars) securely closed
 - ii. Check if any leaking containers
 - iii. Check if any containers swollen or bulged
 - iv. Check if any containers concaved due to internal vacuum build up
 - v. Check if any containers with corrosion
 - vi. Check if all containers properly labeled and identified
 - vii. Check if all containers compatible with waste stored in them
 - viii. Check aisle space access, a minimum of thirty (30) inches
 - ix. Check if all containers supported above any standing liquids
 - x. Check if Spill Collection Tank empty
 2. Existing and proposed Secondary Containment Units (SCU)
 - i. Check for any cracks, corrosion or deterioration of the SCU bases
 - ii. Check for any cracks, corrosion or deterioration of SCU walls, curbs or dikes
 - iii. Check for any cracks, corrosion, deterioration or uneven settling of SCU ramps or truck loading/unloading pads
 - iv. Check for any cracks, corrosion or deterioration of SCU sump areas
 - v. Check for any accumulation in SCU sump areas
 - vi. Check for any debris clogging drains/sumps or causing fire hazards
 3. Site Safety and Emergency Equipment
 - i. Check proper operation of internal communication equipment
 - ii. Check proper operation of telephone system
 - iii. Check proper condition and supply of protective clothing
- (b) The permittee shall inspect the areas and items listed below as detailed in Section 5 of the Part B Permit Application cited in condition 12(a) of Section II of this permit and as follows on a weekly basis for deterioration or malfunction as noted which may lead to a discharge of hazardous waste or a threat to human health and the environment. Results of the inspections shall be maintained as specified in Condition 4(e) of this section.
1. Check for any corrosion or damage to site fencing, ladders, platforms, stairways or walkways
 2. Check proper operation of site gates and gate locks
 3. Check if warning signs visible and undamaged
- (c) The permittee shall inspect the areas and items listed below as detailed in Section 5 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit on a monthly basis for deterioration or malfunction as noted which may lead to a discharge of hazardous waste or a threat to human health and the environment. Results of the inspections

shall be made part of the inspection log and be maintained as specified in condition 4(e) of this section.

1. Check adequate pressure and charge of fire extinguishers
3. Check adequate supply and operation of first aid equipment and supplies
4. Check adequate supply and proper maintenance of all personal emergency equipment supplies
5. Check adequate supply of spill absorbent and overpack drums

(d) Inspection Requirements for the Aboveground Storage/Treatment Tanks and Thermal Treatment Units

1. The permittee shall comply with the inspection requirements of 40 C.F.R. 264.195 and the plan referenced in Condition 12(b) of Section II of this permit. The inspection shall be made at least once on each operating day, for equipment malfunction, structural deterioration, operator error, spills and leakages or discharges. The results of the inspections shall be documented in the operation record and shall be maintained at the Safety-Kleen Systems, Inc. facility for three (3) years from the date of inspection. The permittee shall conduct inspections as outlined below:

<u>Activity/Equipment</u>	<u>Inspected for</u>
Tank Shells	Corrosion, wet seams, bulges, wet seams, rivets or welds
Tank Support	Corrosion, deterioration
Overfill Prevention Controls	Deterioration, damage, function
Spill Prevention Controls	Deterioration, leaks, damage, function
Tank Ancillary Equipment	Deterioration, Leaks, damage, function
Thermal Treatment Units, Piping, Seals, Valves	Deterioration, leaks, damage, clogging
Containment System	Erosion, wet spots, cracks, gaps, uneven settlement, spalling, spills, precipitation
Tank Labels, Warning Signs	Visibility
Emergency Equipment	Function, unobstructed availability

2. Initial Tank System Assessment (40 C.F.R. 264.191)

The permittee shall obtain and keep on file at the facility a written initial tank system assessment, reviewed and certified by an independent, qualified registered professional engineer, in accordance with 40 C.F.R. 270.11(d), that attests to the tank system's integrity.

- (i) This assessment must determine that the tank system is adequately designed and has sufficient structural strength and compatibility with the waste(s) to be stored or treated, to ensure that it will not collapse, rupture, or fail. At a minimum, this assessment must consider the following:
 - A. Design standard(s), if available, according to which the tank and ancillary equipment were constructed;
 - B. Hazardous characteristics of the waste(s) that have been and will be handled;
 - C. Existing corrosion protection measures;
 - D. Documented age of the tank system, if available (otherwise, an estimate of the age); and
 - E. Results of a leak test, internal inspection, or other tank integrity examination for the tank, and for ancillary equipment, this assessment must include either a leak test, as described above, or other integrity examination, that is certified by an independent, qualified, registered professional engineer in accordance with 40 C.F.R. 270.11(d), that addresses cracks, leaks, corrosion, and erosion.
- (ii) If, as a result of the assessment conducted in accordance with Condition 4(d)2 of this section, a tank system is found to be leaking or unfit for use, the permittee must comply with the requirements of Condition 1(b)8 of this section.

3. Periodic Tank System Assessment

The permittee shall conduct periodic assessments of the storage tank and ancillary equipment in accordance with 40 C.F.R. 264.193(i) and as follows until such time as the tank system's secondary containment meets the requirements of 40 C.F.R. 264.193.

- (i) For the tank, the permittee shall either conduct an annual leak test in compliance with 40 C.F.R. 264.191(b)5 or develop a schedule and procedure for an assessment of the overall condition of the tank system by an independent, qualified registered professional engineer. The schedule and procedure must be adequate to detect obvious cracks, leaks, and corrosion or erosion that may lead to cracks and leaks. The owner or operator must remove the stored waste from the tank, if necessary, to allow the condition of all internal tank surfaces to be assessed. The frequency of these assessments must be based on the material of construction of the tank

and its ancillary equipment, the age of the system, the type of corrosion or erosion protection used, the rate of corrosion or erosion observed during the previous inspection, and the characteristics of the waste being stored or treated.

- (ii) For ancillary equipment, a leak test or other integrity assessment approved by the Department, shall be conducted at least annually.
- (e) A log shall be kept of all inspections specified in conditions 4(a) through 4(d) of this section to confirm adequate maintenance of the hazardous waste storage and treatment units and all associated appurtenances. Results of all required inspections shall be maintained in the log at the Safety-Kleen Systems, Inc., Linden facility for a minimum of three (3) years. At a minimum, this log must include the date and time of each inspection, the name of the inspectors, a notation of the observations made, and the date and nature of any repairs or other remedial actions performed. In addition, this log shall also include all hazardous and non-hazardous waste tracking/transfer logs required by this permit.
- (f) The permittee shall remedy any deterioration or malfunction of equipment or structures which the inspection reveals on a schedule which ensures that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately.

5. Closure of Hazardous Waste Management Units (40 C.F.R. 264.110)

(a) Container Storage Areas

At the time of final closure, the permittee shall close the Hazardous Waste Container Storage Units in the manner that is stated in 40 C.F.R. 264.110, and the closure plan referenced in Condition 12(b)7 of Section II of this permit, and the following:

1. The permittee shall remove and ship all waste from the hazardous waste container storage areas specified in condition 1(a) of this section to an authorized facility within ninety (90) days from the date of implementation of the closure plan.
2. The permittee shall decontaminate the hazardous waste container storage area containment units by power washing with detergent/water. The wash water resulting from the decontamination process shall be collected and shipped off-site to an authorized facility.
3. The permittee shall decontaminate all container processing equipment by washing with detergent/water. The water resulting from the decontamination process shall be collected and shipped off-site to an authorized facility.
4. The permittee shall test the final wash water from the decontamination of the hazardous waste container storage area and a wash water blank for total petroleum hydrocarbons, volatile organics from the Target Compound List and PCB's using test methods listed in the Waste Analysis Plan cited in Condition 12(b)5 of Section II of this permit. Decontamination methods shall be repeated until the concentrations of the final wash water test parameters are equal to the amount

present in a wash water blank. Wash water analysis results shall be submitted to the Department at the address listed in Condition 12(a) of Section II of this permit within sixty (60) days from the date of sampling for review and approval of adequate decontamination.

5. The permittee shall submit certification by both the owner or operator and an independent professional engineer, registered in the State of New Jersey, that the facility has been closed in accordance with the closure plan specifications. The certification shall be submitted to the Department within two hundred forty (240) days from the date of implementation of the closure plan, when the closure is completed, in accordance with 40 C.F.R. 264.115.
6. The Department will review the submitted certification and rinse water analysis results and will conduct a closure certification inspection. If the rinse water analysis results are determined to be satisfactory and there is a satisfactory closure certification inspection, the closure certification will be accepted by the Department and the closure will be deemed complete.

(b) Aboveground Storage/Treatment Tanks and Thermal Treatment Units

At the time of final closure, the permittee shall close the Hazardous Waste Aboveground Tank Storage/Treatment Units and Thermal Treatment Units in the manner that is stated in 40 C.F.R. 264.110, and the closure plan referenced in Condition 12(b)7 of Section II of this permit, and the following:

1. The permittee shall remove and ship all wastes from the hazardous waste treatment/storage tanks and thermal treatment units specified in condition 1(b) of this section to an authorized hazardous waste facility within ninety (90) days from the date of implementation of the closure plan.
2. The permittee shall decontaminate all hazardous waste treatment/storage tanks and thermal treatment units specified in condition 1(b) of this section, and all ancillary piping and equipment (hoses, pumps, valves, etc.) by power washing with detergent/water. The wash water resulting from the decontamination process shall be collected and shipped to an authorized facility.
3. The permittee shall decontaminate the hazardous waste secondary contaminant units for all hazardous waste treatment/storage tanks and thermal treatment units specified in condition 1(b) of this section by power washing with detergent water. The wash water resulting from the decontamination process shall be collected and shipped off-site to an authorized facility.
4. The permittee shall test the final wash water resulting from the decontamination of all secondary containment units, hazardous waste treatment/ storage tanks, thermal treatment units and all tank appurtenances and a wash water blank for total petroleum hydrocarbons, volatile organics from the Target Compound List and PCB's using test methods listed in the Waste Analysis Plan cited in condition 12(b)5 of Section II of this permit. Decontamination methods shall be repeated until the concentrations of the final wash water test parameters are equal to the amount

present in a wash water blank. Wash water analysis results shall be submitted to the Department at the address listed in Condition 11 of Section II of this permit within sixty (60) days from the date of sampling for review and approval of adequate decontamination.

5. The permittee shall submit certification by both the owner or operator and an independent professional engineer, registered in the State of New Jersey, that the facility has been closed in accordance with the closure plan specifications. The certification shall be submitted to the Department within two hundred forty (240) days from the date of implementation of the closure plan, when the closure is completed, in accordance with 40 C.F.R. 264.115.
6. The Department will review the submitted certification and rinse water analysis results and will conduct a closure certification inspection. If the rinse water analysis results are determined to be satisfactory and there is a satisfactory closure certification inspection, the closure certification will be accepted by the Department and the closure will be deemed complete.

(c) Truck Stations 1 Through 4 And Rail Car Loading Unloading Area

At the time of final closure, the permittee shall close the Truck Stations 1 through 4 and rail car loading unloading pads and all associated transfer pumps, valves and piping in the manner that is stated in 40 C.F.R. 264.110, and the closure plan referenced in Condition 12(b)7 of Section II of this permit, and the following:

1. The permittee shall remove and ship all wastes from the truck stations 1 through 4 and rail car loading/unloading area specified in conditions 1(d) and 1(e) of this section to an authorized hazardous waste facility within ninety (90) days from the date of implementation of the closure plan.
2. The permittee shall decontaminate the Truck Stations 1 through 4 and rail car loading/unloading pads and all associated transfer pumps, valves and piping by power washing with detergent/water. The wash water resulting from the decontamination process shall be collected and shipped off-site to an authorized facility.
3. The permittee shall test the final wash water resulting from the decontamination process and a wash water blank for total petroleum hydrocarbons, volatile organics from the Target Compound List and PCB's using test methods listed in the Waste Analysis Plan cited in condition 12(b)5 of Section II of this permit. Decontamination methods shall be repeated until the concentrations of the final wash water test parameters are equal to the amount present in a wash water blank. Wash water analysis results shall be submitted to the Department at the address listed in Condition 11 of Section II of this permit within sixty (60) days from the date of sampling for review and approval of the decontamination process.
4. The permittee shall submit certification by both the owner operator and an independent professional engineer, registered in the State of New Jersey, that the facility has been closed in accordance with the closure plan specifications. The certification shall be submitted to the Department within two hundred forty (240)

days from the date of implementation of the closure plan, when the closure is completed, in accordance with 40 C.F.R. 264.115.

5. The Department will review the submitted certification and rinse water analysis results and will conduct a closure certification inspection. If the rinse water analysis results are determined to be satisfactory and there is a satisfactory closure certification inspection, the closure certification will be accepted by the Department and the closure will be deemed complete.
- (d) The permittee shall keep a copy of the closure plan and all revisions to the plan at the facility until closure is completed.
- (e) The permittee shall amend the closure plan any time changes in operating plans or facility design affect the closure plan or whenever there is a change in the expected year of closure of the facility. The permittee must comply with the requirement cited at 40 C.F.R. 264.112(c)(3) for amendment of closure plan.
- (f) The permittee shall notify the Department at least forty five (45) days prior to the date the permittee expects to begin closure, except in cases where the facility's permit is terminated or if the facility is otherwise ordered by judicial decrees or compliance order to close. The date when the owner or operator "expects to begin closure" shall be within thirty (30) days after the date on which the owner or operator expects to receive the final volume of wastes.

6. Construction/Installation Requirements

Upon issuance of this permit, the permittee shall comply with the procedures outlined below regarding the upgrades and/or additions to various hazardous waste management units proposed through the Part B permit renewal application cited in Condition 12(a) of Section II of this permit:

- (a) The permittee shall upgrade the secondary containment and all associated ancillary equipment for Tank Farm 2 and Thermal Treatment Units as follows:
 1. The permittee shall submit, at least sixty (60) days prior to initiation of the upgrade construction, final engineering design drawings and specifications to the Department, at the address listed in Condition 11(a) of Section II of this permit, for review and approval. The permittee shall also apply for and obtain all applicable local authority approvals and building permits prior to initiation of construction.
 2. The permittee shall complete the upgrades to the secondary containment in conformance with 40 C.F.R. 264.193(a)3.
 3. The permittee shall submit to the Department, at the address listed in Condition 11(a) of Section II of this permit, reports of progress toward completion of work at three (3) month intervals, until construction is completed. The first report shall be due thirty (30) days prior to commencement of construction.
 4. The Department will inspect the completed secondary containment system for Tank Farm 2 and Thermal Treatment Units for substantial conformance with the approved final engineering design drawings and specifications referenced in Condition 6(a)1 above. If the facility is found not in substantial conformance with

the approved design, a schedule shall be submitted within thirty (30) days of the date of the Department's inspection outlining how the facility will be brought into conformance. The schedule shall be submitted to the Department for approval.

(b) The permittee may construct the proposed expansion to Container Storage Area 1B (Building 10) as follows:

1. The expanded Container Storage Area 1B shall be constructed as detailed in Section 4.3 and on Drawings 92-6350B-201 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit. The secondary containment unit for Container Storage Area 1B shall be constructed of steel reinforced concrete and have a minimum thickness of six (6) inches. Construction of the secondary containment units for Container Storage Area 1B shall be completed within twenty four (24) months from the date of issuance of this section.
2. The permittee may install container handling equipment including a manual pump-out station and drum emptying units within Container Storage Area 1 as detailed in Drawing 92-6350B-201 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit.

(c) The permittee may construct the proposed expansion to Container Storage Area 2 (Building 11) as follows:

1. Container Storage Area 2 shall be constructed as detailed in Section 3.3 and on Drawings 205 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit. The secondary containment unit for Container Storage Area 2 shall be constructed of steel reinforced concrete and have a minimum thickness of one (1) foot. Construction of the secondary containment units for Container Storage Area 2 shall be completed within twelve (12) months from the date of issuance of this permit.
2. The permittee may install container handling equipment including a manual pump-out station, drum emptying units and receivers CT-3 and Vat@CSA2 within Container Storage Area 2 as detailed in Drawing 92-6350B-205 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit.

(d) The permittee may construct proposed Tank Farm 3 as follows:

1. The permittee shall conduct soil sampling and analysis on the soils at the site designated for placement of the concrete secondary containment unit for proposed Tank Farm 3 as detailed in the Soil Sampling and Analysis Plans dated June 19 and June 25, 1992, and any subsequent revised Preconstruction Soil Sampling and Analysis Plan required and approved by the Department. Soil sampling and analysis shall be initiated within six (6) months from the date of issuance of this permit. Soil sampling and analysis results shall be submitted to the Department at the address listed in Condition 11 of Section II of this permit within sixty (60) days from the date of soil sampling.
2. The secondary containment unit shall be constructed of steel reinforced concrete and have a minimum thickness of one (1) foot. The secondary containment unit shall be constructed in conformance with 40 C.F.R. 264.193(a)1 and as detailed in

Section 4.4, Appendix 4-1 and on Drawings 90-6350B-151 and 503 of the Part B permit application cited in condition 12(a) of Section II of this permit.

3. Upon completion of construction of the secondary containment unit for Tank Farm 3 the permittee shall install the hazardous waste storage Tanks 301 through 304 specified in condition 1(b) of this section within the secondary containment unit as detailed in Section 4.4 on Drawings 92-6350B-002, 120, 151, 152, and 503 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit. Construction of the secondary containment units and installation of the tanks in Tank Farm 3 shall be completed within sixteen (16) months from the date of approval of the soil sampling results.
- (e) The permittee may construct proposed Tank Farm 5 as follows:
1. The permittee shall conduct soil sampling and analysis on the soils at the site designated for placement of the concrete secondary containment unit for proposed Tank Farm 5 as detailed in the Soil Sampling and Analysis Plans dated June 19 and June 25, 1992, and any subsequent revised Preconstruction Soil Sampling and Analysis Plan required and approved by the Department. Soil sampling and analysis shall be initiated within six (6) months from the date of issuance of this permit. Soil sampling and analysis results shall be submitted to the Department at the address listed in Condition 11 of Section II of this permit within sixty (60) days from the date of soil sampling.
 2. The secondary containment unit shall be constructed of steel reinforced concrete and have a minimum thickness of one (1) foot. The secondary containment units shall be constructed in conformance with 40 C.F.R. 264.193(a)1 and as detailed in Section 4.4, Appendix 4-1 and on Drawings 92-6350B-505 and 506 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit.
 3. Upon completion of construction of the secondary containment unit for Tank Farm 5 the permittee shall install the hazardous waste storage Tanks 501 through 524 specified in condition 1(b) of this section within the secondary containment unit as detailed in Section 4.4 and on Drawings 92-6350B-002, 153, 154, 505, and 506 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit. Construction of the secondary containment unit and installation of tanks in Tank Farm 5 shall be completed within eighteen (18) months from the date of approval of the soil sampling results.
- (f) The permittee may construct Tank Farm 7 as follows:
1. The permittee shall conduct soil sampling and analysis on the soils at the site designated for placement of the concrete secondary containment unit for proposed Tank Farm 7 as detailed in the Soil Sampling and Analysis Plans dated June 19 and June 25, 1992, and any subsequent revised Preconstruction Soil Sampling and Analysis Plan required and approved by the Department. Soil sampling and analysis shall be initiated within six (6) months from the date of issuance of this permit. Soil sampling and analysis results shall be submitted to the Department at the address listed in Condition 11 of Section II of this permit within sixty (60) days from the date of soil sampling.

2. The secondary containment unit shall be constructed of steel reinforced concrete and have a minimum thickness of one (1) foot. The secondary containment unit shall be constructed in conformance with 40 C.F.R. 264.193(a)1 and as detailed in Section 4.4, Appendix 4-1 and on Drawings 92-6350B-503 and 507 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit.
3. Upon completion of construction of the secondary containment unit for Tank Farm 7 the permittee shall install the hazardous waste storage tanks 701 and 702 specified in condition 1(b) of this section within the secondary containment unit as detailed in Section 4.4 and on Drawings 92-6350B-002, 124, 152, 503 and 507 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit. Construction of the secondary containment unit and installation of tanks in Tank Farm 7 shall be completed within twelve (12) months from the date of approval of the soil sampling results.

(g) The permittee may install hazardous waste vehicle loading/unloading areas Truck Stations 1 through 4 as follows:

1. The permittee shall conduct soil sampling and analysis on the soils at the site designated for placement of Truck Stations 1 through 4 as detailed in the Soil Sampling and Analysis Plans dated June 19 and June 25, 1992, and any subsequent revised Preconstruction Soil Sampling and Analysis Plan required and approved by the Department. Soil sampling and analysis shall be initiated within six (6) months from the date of issuance of this permit. Soil sampling and analysis results shall be submitted to the Department at the address listed in Condition 11 of Section II of this permit within sixty (60) days from the date of soil sampling.
2. The Truck Stations 1 through 4 shall be constructed of steel reinforced concrete and have minimum thickness of one (1) foot. The Truck Stations 1 through 4 shall consist of bermed concrete vehicle pads sloped to a collection point on the pads providing secondary containment during transfer activities and shall be constructed as detailed in Section 4.2 and on Drawings 92-6350B-002, 520, 521, and 522 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit. Construction of the Truck Stations 1 through 4 shall be completed as follows:

<u>Truck Station</u>	<u>Completion (Months)*</u>
1	12
2	10
3	18
4	12

*Dates are specified as months from the date of approval of soil sampling results

(h) The permittee shall install the tank automatic waste feed cut-off systems for the following tanks as follows:

1. Tank automatic waste feed cut-off systems for Tanks 201 through 215, 40, 41 and 75 shall be installed within nine (9) months from the date of issuance of this permit. Tank automatic waste feed cut-off systems for Tanks 301 through 304, 501 through

524, 701 and 702 shall be installed prior to initiating use of these tanks for hazardous or non-hazardous waste storage or treatment.

2. All tank high level alarms shall be connected to an electronic High Level Alarm Control System as detailed in Section 3.4.2.2 of the Part B permit renewal application cited in condition 12(a) of Section II of this permit.
 - (i) The permittee may replace existing tanks 204, 205, 209 and 210 with four 18,500 (eighteen thousand) gallon tanks from the former Tank Farm 4. The replacement of the tanks was approved by the Bureau of Hazardous Waste and Transfer Facilities by a letter dated January 20, 1994.
 - (j) Within thirty (30) days from the effective date of this permit, the permittee shall submit a certification for the newly constructed Rail Car Loading/Unloading Area in accordance with paragraph (k) below for approval by the Department for the hazardous waste loading/unloading and storage in rail cars in that area.
 - (k) Within thirty (30) days from the date of completion of each individual construction/installation activity specified above, the permittee shall submit to the Department at the address specified in Condition 11 of Section II of this permit, by certified mail or hand delivery, a letter signed by the permittee and a New Jersey licensed professional engineer stating that the construction/installation has been completed in accordance with the cited permit application sections and drawings.
 - (l) The Department shall inspect the facility to determine whether or not it is in compliance with the layout and specifications of the design plans set forth in the engineering plans and reports. If within fifteen (15) days of the date of submission of a letter pursuant to the paragraph above, the permittee has not received from the Department notice of intent to inspect, prior inspection is waived and it is understood that the facility meets the design requirements. If the facility is not in compliance with the approved design, a schedule shall be submitted within thirty (30) days of the date of the Department's inspection outlining how the facility will be brought into compliance. The schedule shall be subject to the Department's approval.

7. Product Specifications

- (a) Materials that are reclaimed from solid wastes and that are used beneficially are not solid wastes and hence are not hazardous wastes unless the reclaimed material is burned for energy recovery or used in a manner constituting disposal.
- (b) If the reclaimed materials are not used beneficially or are burned for energy recovery or used in a manner constituting disposal, such reclaimed material shall be considered as hazardous waste as provided under 40 C.F.R. 261.3(c)2(i) and managed as such.
- (c) Each hazardous waste stream accepted for reclamation for beneficial use and resale to a customer or the original generator shall be managed as hazardous waste until reclamation has been completed.
- (d) The permittee shall maintain a log at the facility which contains the results of all analysis or evaluation conducted by the permittee to ensure that compliance with condition is

maintained with respect to the reclaimed material. The log shall contain the following information for each individual reclaimed material:

1. Date of Analysis/Evaluation
2. Analysis/Evaluation Results
3. Originating Treatment Unit
4. Product Tank(s) Used
5. Quantity of Product Generated
6. Customer's Product Specification

8. Additional Part B Permit Application Requirements

The permittee shall submit the following additional Part B permit application information within 180 days of the date of permit issuance in order to update the application to conform to 40 C.F.R. Parts 260 through 270.

- (a) A detailed description of any ancillary equipment which meets the exemption from secondary containment requirements of 40 C.F.R. 264.193(f).
- (b) A revised Inspection Plan which includes a schedule and procedures for conducting leak tests or other integrity assessments of the tank system. Daily visual inspections of any ancillary equipment which meets the exemption outlined in Condition 8(a) above shall also be incorporated into the plan.
- (c) A detailed description of procedures to be carried out in response to leaks or spills and when shutting down or repairing a leaking tank as required in Condition 1(b)8 of this Section.
- (d) A revised Closure Plan which includes a contingent closure and post-closure care plan, revised closure cost estimates, and a demonstration of financial assurance to meet the contingent post-closure care provisions of 40 C.F.R. 264.197(c).

End of Section III

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