# DRAFT 6/10/04

PERMITTEE:

Safety-Kleen Systems, Inc. 8755 Northwest 95<sup>th</sup> Street

Medley, Florida 33166

ATTENTION:

Matt Hedrick

Environmental Health & Safety Manager

5309 24<sup>th</sup> Avenue South Tampa, Florida 33619 I.D. NUMBER: FLD 984 171 694

PERMIT/CERTIFICATION NUMBER: 56019-HO-004

DATE OF ISSUE:

**EXPIRATION DATE: MARCH 19, 2008** 

COUNTY: DADE

LATITUDE / LONGITUDE: 25°51'38"N/80°20'25"W

PROJECT: Operation of a Hazardous Waste

Container Storage Facility, Treatment Unit and HSWA Corrective Action Requirements and Used Oil Tank Storage

Facility

Pursuant to the Solid Waste Disposal Act and 40 Code of Federal Regulations (CFR) 264.101 (as adopted in Rule 62-730.180, of the Florida Administrative Code [F.A.C.]) and 40 CFR Part 279, this permit is issued under the provisions of Sections 403.722 and 403.769, Florida Statutes (F.S.) and F.A.C. Chapters 62-4, 62-160, 62-522, 62-532, 62-550, 62-710, 62-730 and 62-737. The above-named Permittee is hereby authorized to perform the work or operate the facility shown on the application, and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To operate drum and tank storage units within a service accumulation center (See Attachment A – Facility Layout).

#### Tank Storage:

Utilization of one above ground 20,000 gallon storage tank for managing waste solvent under this permit. Two 20,000 gallon tanks are used for fresh solvent and shall not be used for hazardous waste. All tanks are underlain by a 58 feet by 43 feet concrete slab surrounded by a 36 inches high concrete wall (See Attachment B) and utilization of one horizontal tank with a capacity of 10,000 gallon and one vertical tank with a capacity of 18,000 gallon for Used Oil. All tanks are above ground storage tanks.

#### Solvent Return / Fill Station:

Spent solvents enter the waste storage tank through the two wet dumpsters located in the Solvent Return / Fill Station. The wet dumpsters can hold a maximum of 504 gallons each but are not intended for storage of liquid hazardous waste (See Attachment C).

#### Container Storage:

The container storage area is a 22 feet by 32 feet area with a sloped floor leading to a collection sump. A maximum of 6,912 gallons of hazardous waste will be stored in this area at any one time (See Attachment D).

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HSWA Units: No further Action

- SWMU-1 Container Storage/Transfer Waste Area
- SWMU-2 Aboveground Storage Tank Area
- SWMU-3 Return/Fill Area

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# PART III - TANK SYSTEM:

Tank system, for Part III of this permit, is defined as the tank storage unit, appurtenant equipment and associated secondary containment structures for storage of fresh and waste solvent and for processing used oil.

- 1. The Permittee is allowed to store only used parts washer solvent in the 20,000 gallon tank designated for hazardous waste storage. This tank is shown in Figure 9.2-1 of the permit application.
- 2. The Permittee shall not place waste into any tank if that waste is incompatible with the construction materials of the tank (40 CFR 264.192(a)) or the residue of any material previously in the tank (40 CFR 264.199) or if there are any conditions that may cause the waste to ignite or react (40CFR264.198).
- 3. The Permittee shall maintain, inspect, and operate the tank system in such a manner that any leakage or release of hazardous waste from the unit shall be detected within 24 hours of occurrence.
- 4. The Permittee shall maintain, inspect, and operate the spill and overfill prevention controls during loading and unloading procedures occurring at the tank system in accordance with 40 CFR 264.194.
- 5. The Permittee shall report any release greater than 1 lb. resulting from a leak or spill to the environment within 24 hours of its detection to the Department (40 CFR 264.196(d)). The 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. (40 CFR 264.196(b)(2)).
- 6. The Permittee shall submit to the Department a report that satisfies the requirements of 40 CFR 264.196(d)(3) within thirty (30) calendar days of detection of a release to the environment.
- 7. The Permittee shall report any changes, component replacement or extensive repairs to the tank system to the Department. This report will include the information required by 40 CFR 264.196(e). The tank system shall not be returned to service until the certification report as required by 40 CFR 264.196(f) has been submitted to the Department and approved.
- 8. The Permittee shall inspect the tank system in accordance with the schedule and procedures identified in Section 9.4 of the application and 40 CFR 264.195.
- 9. The Permittee shall comply with the provision of response to leaks or spills and disposition of leaking or unfit-for-use tank systems of 40 CFR 264.196 by satisfying the following requirements:
  - a. Stop flow or addition of waste into the tank or secondary containment and inspect the system to determine the cause of the release in compliance with 40 CFR 264.196(a).
  - b. Remove waste from leaking tank system to prevent further releases and to allow for inspection and repair, and remove released waste from the secondary containment structure at the earliest possible time in accordance with 40 CFR 264.196(b).

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c. Prevent possible or further migration of the leak or spill to the environment, and remove and properly dispose of wastes, contaminated soils or residues in compliance with 40 CFR 264.196(c).

- d. Comply with the notification and report requirements of 40 CFR 264.196(d).
- e. Comply with the secondary containment, repair or closure requirements of 40 CFR 264.196(e).
- f. Certify major repairs of the tank system in accordance with 40 CFR 264.196(f).
- 10. The Permittee shall notify the Department if the results of the tank thickness testing (conducted every ten years) show any portion of the tank having a thickness less than the minimum limits per *UL 142 "Steel Aboveground Tanks for Flammable and Combustible Liquids"*. Records of all shell thickness determinations shall be kept for the life of each tank.
- 11. The Permittee shall keep records at the facility documenting that the tank system has been designed, installed, and maintained in accordance with 40 CFR 264.193(b) and (d).
- 12. The two wet dumpsters in the Solvent Return/Fill Station contain drum washers and solvent. At least once in each 24-hour period, all liquids and sludge shall be removed from each Dumpster and all drums shall be removed from the Return/Fill Station.

# PART IIIA - USED OIL PROCESSING REQUIREMENTS:

- 1. Pursuant to 40 CFR 279.56 (Tracking) and Rule 62-710.510(1), F.A.C., the Permittee must comply with the following tracking requirements: Safety-Kleen Systems, Inc. shall maintain records on DEP Form 62-701.900 (13) or on substantially equivalent forms which contain at least the same information as the Department form.
  - (a) Acceptance: Used oil processors/re-refiners must keep a record of each used oil shipment accepted for processing/re-refining. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:
    - 1. The name, address and EPA identification number (if applicable) of the transporter who delivered the used oil to the processor/re-refiner, oil-burner or disposal facility;
    - 2. The name, address and EPA identification number (if applicable) of the generator or processor/re-refinery from whom the used oil was received for processing/re-refining;
    - 3. The quantities of each type of used oil accepted and date of acceptance; and
    - 4. Waste stream approval number and the off load tank number.
  - (b) Delivery: Used oil processor/re-refiners must keep a record of each shipment of used oil that is shipped to a used oil burner, processor/re-refiner, or disposal facility. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

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1. The name, address and EPA identification number (if applicable) of the transporter delivering the used oil to the receiving facility;

- 2. The name, address and EPA identification number (if applicable) of the oil-burner, processor/re-refinery or disposal facility receiving the shipment;
- 3. The quantities of used oil shipped and date of shipment; and
- 4. The tracking number corresponding to analytical results that demonstrate that the shipment meets the used oil on-specification criteria.
- (c) Record retention: The records described in paragraph (a) and (b) of this section must be maintained for at least three years. The records shall be kept at the permitted facility and shall be available for inspection by the Department during normal business hours.
- 2. Pursuant to 40 CFR 279.57, the Permittee must keep a written operating record at the Facility and maintained until closure of the Facility, which includes the following information:
  - (a) Records and results of used oil analyses performed as described in the analysis plan required under 40 CFR 279.55.
  - (b) Summary reports and details of all incidents that require implementation of the contingency plan as specified in 40 CFR 279.52(b).
- 3. The Permittee shall maintain as part of the operating record of the Facility the inspection records and release detection monitoring records required in Rule 62-761.710, F.A.C., for aboveground storage tanks, integral piping, and process tanks.
- 4. Pursuant to Rule 62-710.800(3), F.A.C., aboveground storage and process tanks having a capacity greater than 550 gallons, and all integral piping shall comply with the performance standards for new tanks of Rule 62-761.500, F.A.C., for existing shop fabricated/field erected tanks of Rule 62-761.510, F.A.C. Repairs to aboveground storage and process tanks shall meet the criteria of Rule 62-761.700, F.A.C.
- 5. The Permittee shall submit the proposed or constructed new tanks as built drawings within 30 days of completion of construction. Each drawing shall be certified by a Professional Engineer registered in Florida.

# **PART IV - CLOSURE:**

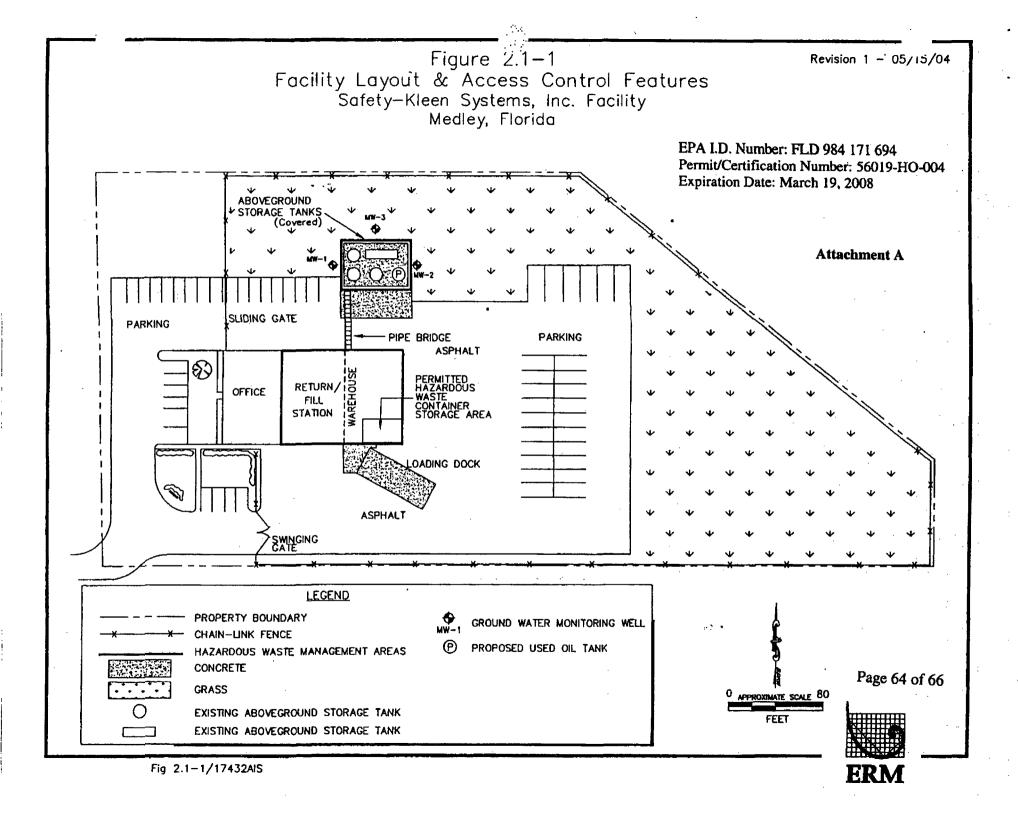
- 1. The Permittee shall have a written closure plan as required by 40 CFR 264.112(a). The closure plan and all revisions to the plan must be kept at the facility until closure is completed, certified in accordance with 40 CFR 264.115, and accepted by the Department.
- 2. The Permittee shall submit a written request for a permit modification to authorize a change in the closure plans in accordance with the procedures in Chapter 62-730, F.A.C. The written request must include a copy of the amended closure plan for Department approval as per 40 CFR 264.112.

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3. The Permittee shall manage all hazardous waste, residues, sludges, spilled or leaked waste, or contaminated liquids and soils removed during closure of the units in accordance with the applicable provisions of 40 CFR Parts 260 through 268 and DEP Form 62-730.900(2), including the manifest requirements. A copy of each manifest required as a result of closure activities shall be submitted to the Department with closure certification.

- 4. The Permittee shall close the hazardous waste units in a manner that minimizes or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous waste constituents, leachate, contaminated rainfall, or waste decomposition products to the groundwater, surface waters, or to the atmosphere as per 40 CFR 264.111.
- 5. Closure or partial closure of the container storage area, tank system, and wet dumpsters shall be conducted in accordance with plans specified in Section 10 of the application and 40 CFR Part 264 Subpart G.
- 6. The Permittee shall notify the Department 45 days prior to the date on which he expects to begin partial or final closure of a unit(s) as per 40 CFR 264.112.
- 7. The Permittee shall complete closure activities within 180 days after Department approval of the closure plan. Any changes in the time allowed for closure of the units after approval shall require prior Departmental approval as per 40 CFR 264.113.
- 8. The Permittee shall decontaminate or dispose of as hazardous waste all facility equipment, structures, and residues resulting from the closure activities as required by 40 CFR 264.114.
- 9. Within 60 days of the completion of closure, the Permittee shall submit to the Department, by certified mail or hand delivery, a letter signed by the Permittee and an independent Professional Engineer registered in the State of Florida, stating that the facility has been closed in compliance with the closure plan as required by 40 CFR 264.115.
- 10. Used oil storage and processing tanks and all integral piping will be closed pursuant to Rule 62-761.800, F.A.C.
- 11. In addition, pursuant to closure requirements of 40 CFR 279.54(h), Permittees who store or process used oil in above ground tanks must comply with the following requirement:
  - At closure of a tank system, the Permittee must remove or decontaminate used oil residues in tanks, contaminated containment system components, contaminated soils, and structures and equipment contaminated with used oil, and manage them as hazardous waste, unless the materials are not hazardous waste as defined in 40 CFR 261 or determined, pursuant to 40 CFR 262.11.
- 12. Within 90 days of determining that all contaminated soil can not be practically removed or decontaminated as required by 40 CFR 264.197(a), the Permittee shall submit a permit application to close the facility and perform post closure care as required by 40 CFR 264.310.



#### Tam - 6/10

Just got back from the RCRA C/E Workshop. There are 2 big issues off the top of my head:

Who needs to get the permit? SK as the "owner" (SK may or may not own the property and it sounds like SK will NOT actually be performing used oil processing) or Atlantic as the operator?

The used oil processing permit needs to be a separate individual permit rather than a modification to SK's RCRA permit. HOWCO (for example) was able to get a "combination" permit (used oil and solid waste) due to a specific allowance in the solid waste regulations [62-701.320(5)(c), FAC]. There are no such allowances in the HW regulations.

We (RCRA permitting engineers) need to discuss this.

# Parker - 6/11

The proposal that we received was for SK to continue to operate the existing 10,000 gallon tank and lease space in the to be constructed 18,000 gallon tank to Atlantic. If SK is not the permittee, Atlantic will be operating a used oil transfer facility which does not require a permit. Our choices are 1)no permit 2)separate used oil permit for SK and 3)used oil requirements integrated into the SK TSD permit.

### Tam - 6/11

Regardless of who owns the 2 tanks in question and who operates the 2 tanks in question, used oil "processing" permit requirements should not be integrated into SK's RCRA permit. Even if Atlantic was not involved and SK was the one that wanted to get into UO processing, the UO permit would be a separate individual permit. As I mentioned earlier, the only reason we can "combine" permits for used oil and solid waste was because the solid waste regulations specifically allowed for it. RCRA regulations do not allow this kind of combination.

#### Tam - 6/11

I was not aware that it is now permissible to combine all environmental regulatory permits into a RCRA permit. I'll be sure to let Clean Harbors know that they can now integrate permit conditions for their synthetic minor air permit into their RCRA permit.

#### Knauss - 6/11

What disturbs me most about this proposal is:

Part IIIA5. The Permittee shall submit the proposed or constructed new tanks as built drawings within 30 days of completion of construction. Each drawing shall be certified by a Professional Engineer registered in Florida.

You are proposing to approve this request without reasonable assurance that the waste management units will be designed and constructed in accordance with Florida regulations, including FAC 62-761, because you have not requested design drawings or specifications. You do not even have a piping layout from the information in this e-mail. In addition, 62-710 requires the closure plan to be submitted with the permit application. If you were going to do this through a permit modification, you would still need to submit an updated closure plan prior to issuing the revision. Financial assurance mechanisms would have to be revised to address the 62-761 financial assurance provisions. The tanks would have to be registered. the contingency plan would have to be revised. The waste analysis plan would have to be revised.

Further, it appears from the table of contents page that Part V only lists 264 Subparts AA and BB. Are you proposing to address Subpart CC requirements?

Ultimately, I agree with Stanley and AI that 62-730 and 62-710 do not allow for consolidated permits. If Safety Kleen was proposing to accept, treat and discharge industrial waste water, they would still need a separate NPDES permit.

This is no different. You can propose to Rick Neves that 62-710 be amended to consolidate used oil and hazardous waste permitting requirements, but absent a rule change a separate permit is needed. If they want to handle used oil under their hazardous waste permit, they can do so, in units that are permitted and comply with hazardous waste management unit standards. See 279.54(a).

#### Patel - 6/14

There are some legal issues in how & when this can be done. Your email does not clearly explain legal relationship between Atlantic & SK. The Department must review legal documents to determine relationship.

Based on your email I understand that SK is the facility Owner. Who is the land owner? Who is the property owner? Most important is who is the operator? From your email it appears that Atlantic will be the operator. If that is the case than Atlantic should apply for and receive a permit. If SK wants to be owner and operator than there must be a legal document showing that SK retains responsibility for all operation.

In my opinion, we should not issue one permit to two different operators.

#### Patel - 6/14

I galnced at the proposed addition and have a couple of qucik comments.

- 1. S.C. 10 requires closure pursuant to Rule only. It gives appearance that there is no closure plan.
- 2. Permit conditions should be in a chronological order. S.C. 11 which requires characterization and disposal of waste comes after decontamination of pipes etc. (S.C 10).
- 3. Doesn't Attachment B.tif includes all of the information in Attachment A.tif? If yes, do we need both?

Please note that I only glanced at the attachments and have not reviewed in details.

#### Patel – 6/14

If both the HW tanks & U.O. tanks are going to be in one secondary containment area, who is going to be responsible for leaks and accumulation of waste and precipitation within and outside secondary containment? Who is going to implement contingency plan? Do both party have Emergency co-ordinators? This is just a beginning but the list can get bigger and bigger unless operational areas are completely separated. Don't we have enough problems dealing with mixed plumes?

### $\underline{Brown - 6/14}$

Hey Bill, Looks like quite a can of worms opened here. What are your thoughts on this? sb

#### Burson – 6/14

A few suggestions. See specifically Part IIIA.1(a)(3) addition. Others are mostly editorial.

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Part IV – Closure:		
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c. Prevent possible or further migration of the leak or spill to the environment, and remove and properly dispose of wastes, contaminated soils or residues in compliance with 40 CFR 264.196(c).

- d. Comply with the notification and report requirements of 40 CFR 264.196(d).
- e. Comply with the secondary containment, repair or closure requirements of 40 CFR 264.196(e).
- f. Certify major repairs of the tank system in accordance with 40 CFR 264.196(f).
- 10. The Permittee shall notify the Department if the results of the tank thickness testing (conducted every ten years) show any portion of the tank having a thickness less than the minimum limits per *UL 142 "Steel Aboveground Tanks for Flammable and Combustible Liquids"*. Records of all shell thickness determinations shall be kept for the life of each tank.
- 11. The Permittee shall keep records at the facility documenting that the tank system has been designed, installed, and maintained in accordance with 40 CFR 264.193(b) and (d).
- 12. The two wet dumpsters in the Solvent Return/Fill Station contain drum washers and solvent. At least once in each 24-hour period, all liquids and sludge shall be removed from each Dumpster and all drums shall be removed from the Return/Fill Station.

# PART IIIA – USED OIL PROCESSING REQUIREMENTS:

- 1. Pursuant to 40 CFR 279.56 (Tracking) and Rule 62-710.510(1), F.A.C., the Permittee must comply with the following tracking requirements: Safety-Kleen Systems, Inc. shall maintain records on DEP Form 62-701.900 (13) or on substantially equivalent forms which contain at least the same information as the Department form.
  - (a) Acceptance: Used oil processors/re-refiners must keep a record of each used oil shipment accepted for processing/re-refining. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:
    - 1. The name, address and EPA identification number (if applicable) of the transporter who delivered the used oil to the processor/re-refiner, oil-burner or disposal facility;
    - 2. The name, address and EPA identification number (if applicable) of the generator or processor/re-refinery from whom the used oil was received for processing/re-refining;
- 3. The process used to determine the halogen content of each used oil shipment accepted to ensure that the shipment meets the criteria of 40 CFR 279.10(b)(ii).
  - 34. The quantities of each type of used oil accepted and date of acceptance; and
  - 45. Waste stream approval number and the off load tank number.

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(b) Delivery: Used oil processor/re-refiners must keep a record of each shipment of used oil that is shipped to a used oil burner, processor/re-refiner, or disposal facility. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

- The name, address and EPA identification number (if applicable) of the transporter delivering the used oil to the receiving facility;
- 2. The name, address and EPA identification number (if applicable) of the oil-burner, processor/re-refinery or disposal facility receiving the shipment;
- The quantities of used oil shipped and date of shipment; and
- The tracking number corresponding to analytical results that demonstrate that the shipment meets the used oil on-specification criteria.
- (c) Record retention: The records described in paragraph (a) and (b) of this section must be maintained for at least three years. The records shall be kept at the permitted facility and shall be available for inspection by the Department during normal business hours.
- 2. Pursuant to 40 CFR 279.57, the Permittee must keep a written operating record at the Facility and maintained until closure of the Facility, which includes the following information:
  - (a) Records and results of used oil analyses performed as described in the analysis plan required under 40 CFR 279.55.
  - (e)(b)Summary reports and details of all incidents that require implementation of the contingency plan as specified in 40 CFR 279.52(b).
- The Permittee shall maintain as part of the operating record of the Facility the inspection records 3. and release detection monitoring records required in Rule 62-761.710, F.A.C., for aboveground storage tanks, integral piping, and process tanks.
- Pursuant to Rule 62-710.800(3), F.A.C., aboveground storage and process tanks having a capacity greater than 550 gallons, and all integral piping shall comply with the performance standards for new tanks of Rule 62-761.500, F.A.C., for existing shop fabricated/field erected tanks of Rule 62-761.510, F.A.C. Repairs to aboveground storage and process tanks shall meet the criteria of Rule 62-761.700, F.A.C.
- 5. The Permittee shall submit the proposed or constructed new tanks as built drawings within 30 days of completion of construction. Each drawing shall be certified by a Professional Engineer registered in Florida.

# **PART IV – CLOSURE:**

The Permittee shall have a written closure plan as required by 40 CFR 264.112(a). The closure plan and all revisions to the plan must be kept at the facility until closure is completed, certified in accordance with 40 CFR 264.115, and accepted by the Department.

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2. The Permittee shall submit a written request for a permit modification to authorize a change in the closure plans in accordance with the procedures in Chapter 62-730, F.A.C. The written request must include a copy of the amended closure plan for Department approval as per 40 CFR 264.112.

- 3. The Permittee shall manage all hazardous waste, residues, sludges, spilled or leaked waste, or contaminated liquids and soils removed during closure of the units in accordance with the applicable provisions of 40 CFR Parts 260 through 268 and DEP Form 62-730.900(2), including the manifest requirements. A copy of each manifest required as a result of closure activities shall be submitted to the Department with closure certification.
- 4. The Permittee shall close the hazardous waste units in a manner that minimizes or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous waste constituents, leachate, contaminated rainfall, or waste decomposition products to the groundwater, surface waters, or to the atmosphere as per 40 CFR 264.111.
- 5. Closure or partial closure of the container storage area, tank system, and wet dumpsters shall be conducted in accordance with plans specified in Section 10 of the application and 40 CFR Part 264 Subpart G.
- 6. The Permittee shall notify the Department 45 days prior to the date on which he expects to begin partial or final closure of a unit(s) as per 40 CFR 264.112.
- 7. The Permittee shall complete closure activities within 180 days after Department approval of the closure plan. Any changes in the time allowed for closure of the units after approval shall require prior Departmental approval as per 40 CFR 264.113.
- 8. The Permittee shall decontaminate or dispose of as hazardous waste all facility equipment, structures, and residues resulting from the closure activities as required by 40 CFR 264.114.
- 9. Within 60 days of the completion of closure, the Permittee shall submit to the Department, by certified mail or hand delivery, a letter signed by the Permittee and an independent Professional Engineer registered in the State of Florida, stating that the facility has been closed in compliance with the closure plan as required by 40 CFR 264.115.
- 10. Used oil storage and processing tanks and all integral piping will be closed pursuant to Rule 62-761.800, F.A.C.
- 11. In addition, pursuant to closure requirements of 40 CFR 279.54(h), Permittees who store or process used oil in above ground tanks must comply with the following requirement:
  - At closure of a tank system, the Permittee must remove or decontaminate used oil residues in tanks, contaminated containment system components, contaminated soils, and structures and equipment contaminated with used oil, and manage them as hazardous waste, unless the materials are not hazardous waste as defined in 40 CFR 261 or determined, pursuant to 40 CFR 262.11.
- 12. Within 90 days of determining that all contaminated soil can not be practically removed or decontaminated as required by 40 CFR 264.197(a), the Permittee shall submit a permit application to close the facility and perform post closure care as required by 40 CFR 264.310.