

COMPLIANCE MONITORING INSPECTION CHECKLIST
FOR
INTERIM STATUS STANDARDS FACILITIES

South Carolina Department of
Health and Environmental Control
Bureau of Land and Waste Management
Compliance Monitoring Section

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TABLE OF CONTENTS

<u>ITEM</u>	<u>PAGES</u>
Name and EPA ID Number	1 _____
Subpart G 270 - Permit Requirements	1 _____
Subpart B General Facility Standards	2 _____
Subpart C Preparedness and Prevention	7 _____
Subpart D Contingency Plans & Emergency Procedures	9 _____
Subpart E Manifests, Recordkeeping & Reporting	11 _____
Subpart F Groundwater Monitoring	17 _____
Subpart G Closure/Post Closure Plan	15 _____
Subpart H Financial Responsibility	17 _____
Subpart I Use and Management of Containers	18 _____
Subpart J Tanks	20 _____
Subpart K Surface Impoundments	27 _____
Subpart L Waste Piles	30 _____
Subpart M Land Treatment	33 _____
Subpart N Landfills	38 _____
Subpart O Incinerators	72 _____
Subpart P Thermal Treatment	77 _____
Subpart Q Chemical, Physical & Biological Treatment	76 _____
Subpart G Closure/Post Closure for Units	78 _____
Subpart W Drip Pads for Wood Treaters	50 _____
Subpart AA Air Emissions Standards for Process Vents	57 _____
Subpart BB Air Emissions Standards for Equipment Leaks	55 _____
Subpart DD Containment Buildings	56 _____
Section 268 Land Disposal Restrictions	58 _____
Withdrawn/Withdrawing Facility Checklist	60 _____

SOUTH CAROLINA HAZARDOUS WASTE COMPLIANCE
INSPECTION CHECKLIST
ISS FACILITIES

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The purpose of this inspection is to determine compliance with the South Carolina Hazardous Waste Management Regulations promulgated pursuant to Section 77-56-10 et seq. of the 1976 South Carolina Code of Laws, as amended.

Facility: _____ Date: _____

EPA ID Number: _____ Inspector: _____

Subpart G - 270 - Permit Requirements

Has Part A revision been approved? _____
(original Part A does not need approval; only revised Part A)

If no, notify Permitting Section.

Is approved or original Part A application representative of:

HW waste streams (codes)? _____

270.72(a)(1) If no, has a HW waste stream (code) been added without a revised Part A being submitted prior to the change * _____

HW process design capacities? _____

270.72(a)(2) If no, has process capacity been increased without Departmental approval? * _____

HW processes? _____

270.72(a)(3) If no, has a HW process been added without Departmental approval? * _____
*Note: "yes" indicates violation; if "yes", permitting Section should be notified.

Has a change in ownership or operational control occurred or is one scheduled to occur in the next 90 days? _____

270.72(a)(7) If yes, has a revised Part A been submitted reflecting this change? _____

270.72(b) Has major reconstruction of the HW units and surrounding area occurred/been planned? _____

If yes, contact permitting section.

Subpart B - General Facility Standards (DGS)

265.13 General Waste Analysis

265.13(a)(1) Before any HW is stored, treated or disposed, is a chemical and physical analysis of a representative sample of the waste obtained? _____

- 265.13 (a) (3) (i) Is this analysis repeated when the process generating HW changes? _____
- 265.13 (a) (3) (ii) (For Off-site Facilities) Is this analysis repeated when the HW received does not match that waste designated on the manifest? _____
- 265.13 (a) (7) (For Off-site Facilities) Is each HW received, inspected and analyzed to determine if it matches the identity of the HW on the manifest. _____
- 265.13 (b) Is a written waste analysis plan maintained on site? (If yes complete the following) _____
- For each HW does it include:
- 265.13 (b) (1) Parameters and rationale for selection of those parameters? _____
- 265.13 (b) (2) Test Methods for parameters? _____
- 265.13 (b) (3) Sampling Methods? _____
- 265.13 (b) (7) Frequency with which the initial analysis will be repeated and reviewed? _____
- 265.13 (b) (5) (For Off-site Facilities) HW analyses generators have agreed to supply? _____
- 265.13 (b) (6) Where applicable, the methods which will be used to meet the additional waste analysis requirements for specific waste management methods as specified in sections:
- 265.200 (Tanks) _____
- 265.225 (Surface Impoundments) _____
- 265.252 (Waste Piles) _____
- 265.273 (Land Treatment) _____
- 265.317 (Landfills) _____
- 265.371 (Incinerators) _____
- 265.375 (Thermal Treatment) _____
- 265.702 (Chemical, physical, biological Treatment) _____
- 265.1037(d) (AA, Air Emissions for vents) _____
- 265.1063(d) (BB, Air Emissions for Equipment leaks) _____
- 268.7 (Land Disposal Restrictions) _____
- 265.13 (b) (7) For surface impoundments exempted from LDR under 268.7(a), do procedures and a schedule exist for:
- (i) The sampling of impoundment contents? _____
- (ii) The analysis of test data? _____
- 265.13 (c) (1) (For Off-site Facilities) Does waste analysis plan include _____

procedures used to determine the identity of each movement of HW?

265.13 Does waste analysis plan describe _____
(c) (2) sampling method to be used to
obtain representative sample of
the waste to be identified?

265.17 Security

265.17 Has it been demonstrated that contact with _____
the HW, structures, equipment of the
active portion, will not injure persons/
livestock?

If yes, explain. _____

If no, are these present:

265.17(b) (1) Adequate security provided through a _____
27-hour surveillance system (TV or
guard)?

265.17(b) (2) (i) Artificial or natural barrier sur- _____
rounding the active portions?

265.17 Means to control entry through _____
(b) (2) (ii) entrances?

265.17(c) Signs (e.g. Danger-Unauthorized _____
Personnel Keepout) posted at each
entrance to all active portions?

265.15 General Inspection Requirements

Does the operator inspect for the following:

265.15(a) Malfunctions? _____

265.15(a) Operator Errors? _____

265.15(a) Unpermitted discharges? _____

265.15(b) (2) Is a written inspection schedule main- _____
tained on site?

If yes, does it identify:

265.15(b) (1) Monitoring equipment? _____

265.15(b) (1) Safety and emergency equipment? _____

265.15(b) (1) Security devices? _____

265.15(b) (3) Types of problems? _____

265.15(b) (7) Frequency of inspections? _____
(As applicable to subparts I-Q,
and AA and BB where necessary)

265.15(d) Is a written inspection log maintained _____
on site?

If yes, does it identify:

265.15(d) Time of inspection? _____

265.15(d) Date of inspection? _____

- 265.15 (d) Name of inspector? _____
- 265.15 (d) Notation of observation? _____
- 265.15 (d) Nature of repair/remedial action? _____
- 265.15 (d) Date of repair/remedial action? _____
- 265.15 (d) Is the inspection log retained on site for three (3) years? _____

265.16 Personnel Training

- 265.16 (a) (1) Do personnel complete a program of classroom or on-the-job training? _____
If yes, complete the following:
- 265.16 (a) (2) Is this program directed by a person trained in HW management procedures? _____
- 265.16 (a) (2) Does this training program include instruction which teaches facility personnel hazardous waste management procedures relevant to the positions in which they are employed? _____
- 265.16 (a) (3) Are personnel trained to respond effectively to emergencies? _____
If yes, does training include where applicable:
- 265.16 (a) (3) (i) Procedures for using, inspecting and repairing emergency and monitoring equipment? _____
- 265.16 (a) (3) (ii) Key parameters for automatic waste feed cut-off systems? _____
- 265.16 (a) (3) (iii) Use of communication/alarm systems? _____
- 265.16 (a) (3) (iv) Response to fires/explosions? _____
- 265.16 (a) (3) (v) Response to GW contamination? _____
- 265.16 (a) (3) (vi) Shutdown of operations? _____
- 265.16 (b) Is training administered to employees in new positions within six (6) months? _____
- 265.16 (c) Is an annual review of the initial training program conducted? _____
Are the following written HW-related training records maintained for each employee:
- 265.16 (d) (1) Name of employee and job title? _____
- 265.16 (d) (2) Job description which must include skills, education, duties assigned? _____
- 265.16 (d) (3) Type and amount of training administered? _____
- 265.16 (d) (7) Documentation that training/job experience was received by employee? _____

- 265.16(e) Are training records for current personnel kept until closure? _____
- 265.16(e) Are training records for former employees kept for three (3) years? _____

265.17 General Requirements for Ignitable, Reactive, or Incompatible Waste

- Does facility handle ignitable (Defined: 261.21) or reactive (Defined: 261.23) waste? _____
- If yes:
- 265.17(a) Is this HW protected from sources of ignition/reaction? _____
- 265.17(a) Are "No Smoking" signs present in this area? _____
- Are precautions taken to prevent reactions which produce: _____
- 265.17(b) (1) Extreme heat/pressure? _____
- 265.17(b) (2) Toxic fumes/dusts? _____
- 265.17(b) (3) Flammable fumes? _____
- 265.17(b) (7) Damage to the structural integrity of the device or facility containing the waste? _____

Subpart C - Preparedness and Prevention (DPP)

Note: Facilities must be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden releases of hazardous wastes or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment. (265.31)

Has it been demonstrated that certain equipment (as listed below) are not required?

If yes, explain. _____

If no, are the following present:

- 265.32(a) Communication and alarm system? _____
- 265.32(b) Telephone and two-way radio? _____
- 265.32(c) Portable fire extinguisher and fire control equipment? _____
- 265.32(c) Spill control equipment? _____
- 265.32(c) Decontamination equipment? _____
- 265.32(d) Water reserve at adequate volume and pressure? _____
- 265.33 Is all equipment (if listed above) tested/maintained to assure proper operation? _____
- 265.37 Do employees who handle HW have immediate access to an alarm and communication device (if listed above)? _____
- 265.37(b) Do employees working alone with HW have immediate access to an alarm and communication device (if listed above)? _____
- 265.35 Is aisle space adequate for unobstructed movement of emergency personnel and fire, spill and decontamination equipment (unless demonstrated to the Department otherwise)? _____
- 265.37(a)(1) Have arrangements been made to familiarize police fire and emergency response teams with the layout of the facility, entrances and evacuation routes? _____
- 265.37(a)(2) If applicable, has a primary police/fire emergency response team been assigned? _____
- 265.37(a)(3) Have arrangements been made to include state emergency response teams, contractors, and equipment as backup? _____

265.37(a) (7) Have arrangements been made to familiarize local hospitals with the HW handled? _____

265.37(b) If state or local authorities refuse to enter into such arrangements, is this documented in the operating record? _____

Subpart D - Contingency Plans & Emergency Procedures (DCP)

265.51(a) Has industry developed a contingency plan? _____

265.52(b) Has industry developed an SPCC Plan? _____

Do either of these plans include:

265.52(a) A description of the emergency responses personnel must follow? _____

265.52(c) Arrangements with police/fire department/hospitals/contractors/state and local emergency response teams. _____

- 265.52(d) An updated list of names, addresses and phone numbers (office and home) of emergency coordinator/s? _____
- 265.52(d) Designation of a primary emergency coordinator (if applicable)? _____
- 265.52(e) An updated list of all emergency equipment? _____
- 265.52(e) The description and location of such equipment and brief description of its capabilities? _____
- 265.52(f) An evacuation plan if evacuation could be necessary which includes:
1. A signal to begin evacuation? _____
 2. Evacuation routes and alternate routes? _____
- Is an updated copy of the contingency plan:
- 265.53(a) Maintained at facility? _____
- 265.53(b) Submitted to local police/fire department/hospitals/state and local emergency response teams? _____
- 265.57 Is contingency plan amended and updated as changes occur at the site (or previous use of plan failed)? _____
- 265.55 Is an emergency coordinator on call/or on site at all times? _____
- 265.52(a) Does the contingency plan include the steps to be taken in possible emergency situations? _____
- Has the operator ever implemented the contingency plan? _____
- 265.56(j) If yes, was a written report of the incident submitted to the Department within 15 days? _____

Subpart E - Manifest System, Recordkeeping & Reporting (DMR)

- Is HW received from off-site? _____
- If yes, are copies of the manifest:
- 265.71(a) (1) Signed and dated? _____
- 265.71(a) (2) Checked for discrepancies? _____
- 265.71(a) (3) Signed copy given to transporter? _____
- 265.71(a) (7) Within 30 days, is a copy sent to
generator? _____
- 265.71(a) (5) Retained for 3 years? _____
- Is HW received from rail or water (bulk
shipments)? _____
- 265.71(b) If yes, do copies of shipping papers
include all information required on
the manifest except EPA ID numbers,
generator certification and signatures? _____
- Have shipments of HW which were in-
consistent with the manifest been
received? _____
- 265.72(b) If yes, was discrepancy resolved with
generator within 15 days? _____
- 265.72(b) If not resolved within 15 days, was
written notice submitted to BLWM? _____
- 265.73(a) Is a written operating record maintained on
site at the facility? _____

If yes, does it include:

- 265.73 (b) (1) Description and quantity of each HW received? _____
- 265.73 (b) (2) Location and quantity of HW on site? _____
- 265.73 (b) (3) Records/results of waste analysis? _____
- 265.73 (b) (7) Reports of incidents where contingency plan is used? _____
- 265.73 (b) (5) Records/results of required inspection? _____
- 265.73 (b) (6) Monitoring/testing and analytical data? _____
- 265.73 (b) (7) Closure/post-closure cost estimates? _____

265.73 (b) (8) Records of the quantities (and date of placement) for each shipment of hazardous waste placed in land disposal units under an extension to the effective date of LDR granted pursuant to 268.5? _____

Records of monitoring data required pursuant to a petition under 268.6? _____

Notification and certifications of LDR wastes? _____

For onsite and offsite treatment, storage, and disposal facilities, are the following records kept:

265.73 (b) (9-17) Copies of notices, certification, and demonstrations (where applicable) for LDR wastes? _____

265.73 (b) Are all of the above (except (b) (5) which needs to be kept 3 years and (b) (9-12) which need to be kept 5 years) maintained until closure? _____

Required Notification

Has HW been received from a foreign source? If yes: _____

265.12 (a) Has written notice been filed with SCDHEC and EPA? Date: _____.

265.12 (c) Is this written notice kept in the operating log (may be a signed waste profile or other approved form)? _____

Quarterly Reporting and the Contingency Fund

265.75 (a) Has a quarterly report been completed in accordance with the form's instructions and submitted no later than 30 days after the end of the quarter? _____

265.78 (a) Has a fee of \$37.00/ton of Hazardous Waste and \$13.70/ton of Solid Waste generated and disposed of in the State by land disposal been paid quarterly to the Department (where applicable)? _____

265.78 (a) Has a fee of \$10.00/ton for Hazardous _____

incinerated been paid quarterly to the Department (where applicable)?

265.78(b) Has a fee of \$1.00/ton for HW in storage which is in excess of 50 tons paid quarterly (where applicable)? _____

265.75(c) Are copies of the quarterly reports retained for a period of 3 years or more? _____

Unmanifested Waste Report (Off-Site Facilities)

Have shipments of HW arrived unmanifested and been accepted for treatment, storage or disposal? _____

265.76 If yes, has a written unmanifested waste report, as described in regulation 265.76 been submitted to BLWM within 15 days after receipt of HW? _____

Note: If generator is a conditionally exempt small quantity generator no such report is necessary.
Exception: GSX receives only manifested waste.

Subpart F - Ground-Water Monitoring (DGW)

- Is HW managed in a surface impoundment, landfill or land treatment area? _____
- 265.90(b) If yes, is a functioning HW GWM System present? _____
- If no, has a GWM system/component been waived by SCDHEC? _____
- If yes, explain _____
- _____
- _____
- 265.91(c) During the course of the onsite field investigation, did any of the wells inspected fail to have a locking cap, or appropriately maintained pad? (Citations can come from the South Carolina Well Standards and Regulation - Section 77-50-70 of the 1976 SC Code of Laws R.61-71.11 c(3)(6)). _____
- Are the following records present:
- 265.97(a)(1) All current and past GWM analyses? _____
- 265.97(a)(1) GWM surface elevations? _____
- 265.97(a)(2) Statistical evaluations? _____
- (ii) Note: If evaluated by division of GWP please attach that evaluation.

Subpart G - Closure/Post Closure (DCL)

- 265.112(a) Does industry have a written closure plan? _____
- 265.112(b) Does the closure plan address all of the HW processes listed on the Part A? _____
- 265.112(a) Is a written closure plan present on site? _____
- If yes, does it contain the following elements:
- 265.112(b)(2) A description of "how" and "when" facility will close? _____

- 265.112 (b) (3) An estimate of maximum inventory of wastes in storage/treatment? _____
- 265.112 (b) (7) A description of decontamination procedures? _____
- 265.112 (b) (6) A time schedule for closure? _____
- Has this plan been evaluated by the BLWM Permitting Section? _____
- If yes, was it deemed adequate? _____
- Has there been any amendment/addition which would affect the status of the plan? _____
- If yes, explain _____
- _____
- _____
- _____

Note: If not evaluated or changes have occurred obtain a copy of the closure plan and refer it to the Permitting Section.

Note: Post-closure plans are not required for HW surface impoundments/waste piles which are proposing clean closure. All other HW surface impoundments, HW waste piles and HW land storage/treatment, disposal operations, are required to have a post-closure plan unless not required by BLWM. If a post-closure plan is required complete the following:

- 265.118(a) Does industry have a written post-closure plan? _____
- 265.118(a) Is a written post-closure plan present on site? _____
- Has it been deemed adequate by the Permitting Section? _____
- Does the plan contain:
- 265.118(c) (1) A description of GWM activities and frequencies? _____
- 265.118(c) (2) A description of maintenance activities and frequencies? _____
- 265.118(c) (3) Names, addresses and phone numbers of post-closure contact/coordinator? _____

Subpart H - Financial Responsibility

Note: A financial review will be done by the central office. Please attach that financial status report (if available).

Subpart I - Use and Management of Containers (DGS)/(GRR)

- Are storage containers maintained free from:
- 265.171 Leaks? _____
- 265.171 Deterioration? _____
- 265.171 Structural defects? _____
- Are containers:
- 265.172 Compatible with the waste they contain? _____
- 265.173(a) Closed during storage, except to add or subtract waste? _____
- 265.173(b) Handled/stored in a way which may not cause leakage and/or rupture? _____
- 265.173(c) Permanently labeled: ~~Hazardous~~ Waste Federal Law prohibits improper disposal. ~~C~~? _____
- 265.173(d) Appropriately labeled as to their contents with an EPA Hazardous Waste Number? _____
- 265.177 Inspected at least weekly for leaks or deterioration? _____
- 265.175 Does the container storage area have a secondary containment system? _____
- If yes, is the system:
- 265.175(b) (1) Constructed of or lined with materials that are free of cracks or gaps and is sufficiently impervious to contain leaks, spills and accumulated precipitation until collected material is detected and removed? _____
- 265.175(b) (2) Placed on a base that is sloped or is the containment system designed and operated to drain and remove liquids resulting from leaks, spills, or precipitation, unless the containers are elevated or are otherwise protected from contact with accumulated liquids? _____

- 265.175(b) (3) Designed with sufficient capacity to contain 10% of the volume of containers or the volume of containers or the volume of the largest container, whichever is greater? _____
- 265.175(b) (7) Designed so that run-on into the containment system is prevented, unless the collection system has sufficient excess capacity in addition to that required in 265.175(b) (3)? _____
- 265.175(b) (5) Designed as to remove spilled and/or leaked waste and accumulated precipitation from the sump and/or collection area in a timely manner as to prevent overflow of the collection system? _____
- 265.176 Are ignitable or reactive waste located at least 15 meters (50 feet) from the facility's property line? _____
- 265.177(a) Are incompatible wastes stored in the same containers? _____
- 265.177(b) Are hazardous wastes being placed in unwashed containers that previously held incompatible wastes or materials? _____
- 265.177(c) Are incompatible wastes separated by a barrier in the storage area? _____

Subpart J - Tanks (DTR)

265.190 Are tanks utilized for the storage and/or treatment of hazardous waste? _____

If yes:

A. Is the tank existing?
(Installation on or prior to July 17, 1986) _____

B. A new tank? _____

265.191(a) Does the existing tank system have secondary containment? _____

If no:

Has the owner/operator determined that the tank system is not leaking or is unfit for use? _____

Was an assessment conducted by January 12, 1988, and is it kept on file at the facility? _____

At a minimum, did the assessment consider:

265.191(b) (1) Design standards, if available, according to which the tank and ancillary equipment are constructed? _____

265.191(b) (2) Hazardous characteristics of the waste(s) that have been or will be treated? _____

265.191(b) (3) Existing corrosion protection measures? _____

265.191(b) (7) Documented age of the tank system, if available? _____

265.191(b) (5) Results of a leak test, internal inspection or other tank integrity examination? _____

265.191(b) (5) (i) For non-enterable underground tanks, a leak test? _____

265.191(b) (5) (ii) For other than non-enterable underground tanks and for ancillary equipment, a leak test or an internal inspection and/or other tank integrity examination certified by an independent, qualified, registered P.E. that addresses cracks, leaks, corrosion and erosion? _____

265.192(a) Has the owner/operator of a new tank system or components ensured that the foundation, structural support, seams, connections, and pressure controls (if applicable) are adequately designed as to prevent collapse, rupture or failure? _____

Has a written assessment of the tank system and ancillary equipment been certified by an independent, qualified, registered P.E.? _____

Does the assessment, at a minimum, include:

265.192(a) (1) Design standard(s) according to which the tank(s) and ancillary equipment is or will be constructed? _____

265.192 (a) (2) Hazardous characteristics of the waste(s) _____
to be handled?

For a new tank in which the external shell of a metal tank or any metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of:

265.192 (a) (3) (i) (A) Soil moisture content? _____

265.192 (a) (3) (i) (B) Soil pH? _____

265.192 (a) (3) (i) (C) Soil sulfides level? _____

265.192 (a) (3) (i) (D) Soil resistivity? _____

265.192 (a) (3) (i) (E) Structure to soil potential? _____

265.192 (a) (3) (i) (F) Influence of nearby underground metal structures? _____

265.192 (a) (3) (i) (G) Stray electric current? _____

265.192 (a) (3) (i) (H) Existing corrosion-protection measures? _____

The type and degree of external corrosion-protection that are needed to ensure the integrity of the tank system, consisting of one or more of the following:

265.192 (a) (3) (ii) (A) Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic? _____

Or

265.192 (a) (3) (ii) (B) Corrosion-resistant coating? _____

Or

265.192 (a) (3) (ii) (C) Electrical isolation devices? _____

265.192 (a) (7) For underground tanks, has a design determination been made to ensure protection against potential damage from vehicular traffic? _____

Do design considerations ensure that:

265.192 (a) (5) (i) Tank foundations will maintain the load of a full truck? _____

265.192 (a) (5) (ii) Tank systems will be anchored? _____

265.192 (a) (5) (iii) Tank systems will withstand the effects of frost heave? _____

265.192 (b) Did the owner/operator ensure proper handling procedures during installation? _____

If yes, was the system or component inspected for the presence of any of the following:

265.192 (b) (1) Weld breaks? _____

- 265.192 (b) (2) Punctures? _____
- 265.192 (b) (3) Scrapes of protective coatings? _____
- 265.192 (b) (7) Cracks? _____
- 265.192 (b) (5) Corrosion? _____
- 265.192 (b) (6) Other structural damage? _____
- 265.192 (c) Did the owner/operator, if applicable, use a noncorrosive, porous, homogeneous substance for backfill? _____
- 265.192 (d) Did the owner/operator perform a test for tightness prior to installation, if applicable? _____
- 265.192 (e) Is ancillary equipment supported and protected against physical damage and settlement, vibration, expansion or contraction? _____
- 265.192 (f) Has the owner/operator provided the necessary corrosion protection necessary to ensure the integrity of the tank system during the use of the tank system? _____
- 265.192 (g) Does the owner/operator have on file at the facility, a copy of all applicable certifications with regard to design and installation of the tank system? _____
- 265.193 (a) Is secondary containment provided? _____
- If yes, the system must be:
- 265.193 (b) (1) Designed, installed and operated to prevent any migration of waste or accumulated liquids? _____
- 265.193 (b) (2) Capable of detecting and collecting releases? _____
- At a minimum, secondary containment must be:
- 265.193 (c) (1) Constructed or of lined with compatible materials with the waste to be placed in tanks, and provide sufficient strength and thickness to prevent failure? _____
- 265.193 (c) (2) Placed on a solid foundation? _____
- 265.193 (c) (3) Provided with a leak detection system? _____
- 265.193 (c) (7) Sloped? _____
- Secondary containment must have one or more of the following:
- 265.193 (d) (1) A liner? _____
- Or
- 265.193 (d) (2) A vault? _____
- Or
- 265.193 (d) (3) A double walled tank? _____
- Or
- 265.193 (d) (7) An equivalent device approved by the Department? _____

External liner systems must be:

265.193(e) (1) (i) Designed to contain 100% of the capacity of the largest tank within its boundary? _____

265.193(e) (1) (ii) Designed to prevent run-on? _____

265.193(e) (1) (iii) Free of cracks or gaps? _____

265.193(e) (1) (iv) Capable of preventing lateral as well as vertical migration of the waste? _____

Vault systems must be:

265.193(e) (2) (i) Designed to contain 100% of the capacity of the largest tank within its boundary? _____

265.193(e) (2) (ii) Designed to prevent run-on? _____

265.193(e) (2) (iii) Constructed with chemical-resistant water stops in place at all joints, if applicable? _____

265.193(e) (2) (iv) Provided with a compatible, impermeable interior coating or lining? _____

265.193(e) (2) (v) Provided with a means to protect against the formation of and ignition of vapors within the vault, if applicable? _____

265.193(e) (2) (vi) Provided with an exterior moisture barrier? _____

Double walled tanks must be:

265.193(e) (3) (i) Designed with an integral structure? _____

265.193(e) (3) (ii) Protected from both corrosion of the primary tank interior and the external surface of the outer shell? _____

265.193(e) (3) (iii) Provided with a built-in, continuous lead detection system? _____

265.193(f) Is ancillary equipment provided with full secondary containment? _____

265.193(g) Has the owner/operator received a variance from the above requirements by the Department? _____

265.197(a) Does the owner/operator place hazardous waste or treatment reagents in tank systems that could cause the tank, ancillary equipment or secondary containment to rupture, leak, corrode or otherwise fail? _____

265.197(b) Does the owner/operator use appropriate controls and practices to prevent spills and overflows? _____

265.197(c) Does the owner/operator comply with all requirements of 265.196 when a leak or spill occurs in the tank system? _____

Does the owner/operator, at least daily, during each operating day, inspect for the following:

265.195(a) (1) Overfill/spill control equipment? _____

265.195(a) (2) Aboveground portions of the tank system? _____

265.195(a) (3) Data gathered from monitoring equipment? _____

265.195(a) (7) Erosion or signs of releases? _____

265.195(b) (1) Has the owner/operator confirmed the _____

proper operation of the cathodic protection system, within six months of installation, and annually thereafter?

265.195(b) (2) Are all sources of impressed current inspected and/or tested at least bimonthly? _____

265.195(c) Does the owner/operator document, in the operating record, inspections of the above? _____

265.196 Has the tank system or secondary containment ever leaked or been deemed unfit for use? _____

If yes, did the owner/operator satisfy the following:

265.196(a) Cessation of use? _____

265.196(b) Removal of waste from the tank system or secondary containment? _____

265.196(c) Containment of visible releases to the environment? _____

If yes, the owner/operator must:

265.196(c) (1) Prevent further migration of the leak or spill? _____

265.196(c) (2) Remove and properly dispose of any visible contamination of the soil and surface water? _____

265.196(d) (1) Notify the Department within 27-hours of detection? _____

265.196(d) (3) Within 30 days of detection, submit a written report to the Department? _____

265.196(e) Provision of secondary containment, repair, or closure? _____

265.196(f) Certification of major repairs? _____

265.197(a) At closure, did the owner/operator remove or decontaminate all system components and manage them as hazardous waste per the facility's closure plan as required in subparts G and H of this part? _____

265.197(b) Has the owner/operator demonstrated that the tank system must be closed as a landfill? _____

265.198(a) Does the owner/operator place ignitable or reactive waste(s) in the tank system? _____

If yes, are the waste(s) treated, rendered, or mixed before or immediately after placement in the tank system to:

265.198(a) (1) (i) No longer met the definition of ignitable or reactive? _____

265.198(a) (2) Stored or treated to protect from ignition or reaction? _____

265.198(a) (3) Used solely for emergencies? _____

265.198(b) Does the owner/operator provide for protective distances between the waste management area and any public access or property lines? _____

- 265.199(a) Does the owner/operator place incompatible _____
waste(s) or materials in the same tank
system?
- 265.199(b) Does the owner/operator obtain written, _____
documented information verifying proposed
treatment or storage of said waste(s)?
- 265.200(a) Does the owner/operator when treating or _____
storing a hazardous waste that is substantially
different from previously treated or stored
waste conduct waste analysis and trial
treatment or storage tests?
- 265.200(b) Does the owner/operator obtain written, _____
documented information verifying proposed
treatment or storage of said waste?

Subpart K - Surface Impoundments (DLT)

- 265.221(a) Was the surface impoundment constructed, _____
expanded or replaced after
January 29, 1992?

If yes:

- Has the owner/operator installed and is operating two or more liners and a leachate collection and removal system? _____
- 265.221(b) Was the Department notified at least 60 days prior to the receipt of waste(s) by the owner/operator? _____

If yes:

- Has the owner/operator filed a Part B application with the Department within 6 months of such notification? _____
- 265.222(a) Has the owner/operator of the surface impoundment submitted a proposed action leakage rate to the Department? _____
- 265.222(b) Has the Department approved an action leakage rate? _____
- 265.222(c) Has the owner/operator ever exceeded the established action leakage rate? _____
- 265.223/1(a) Has the owner/operator submitted to the Department, a response action plan? _____

At a minimum, the plan must address the following:

- 265.223/1(b) Did the flow rate into the leak detection system exceed the action leakage rate for any sump? _____
- 265.223/1(b) (1) Department notification, in writing, of the exceedance within 7 days of the determination? _____
- 265.223/1(b) (2) A preliminary written assessment submitted to the Department within 17 days of said determination? _____
- 265.223/1(b) (3) The location, size and cause of the leak, if practicable? _____
- 265.223/1(b) (7) Waste receipt and removal determination? _____
- 265.223/1(b) (5) Action steps to mitigate or stop any leaks? _____
- 265.223/1(b) (6) Within 30 days, submit analytical data and action plans? _____
- 265.223 Do all earthen dikes have a protective cover? _____

In addition to the waste analysis plan as required by section 265.13, whenever a surface impoundment is used to chemically treat a hazardous waste that is substantially different from previously treated waste, or treated with a substantially different process, the owner/operator must:

- 265.225 Conduct bench scale or pilot plant tests? _____
- (a) (1) (2) (i)
- 265.225 Obtain written, documented information _____
- (a) (1) (2) (ii) regarding treatment?

The owner/operator must inspect:

- 265.226(a) (1) Freeboard levels, at least once each operating day? _____

265.226(a)(2) The surface impoundment, including dikes and vegetation, at least weekly for leaks, deterioration, or failures? _____

265.226(b)(1) Does the owner/operator, if applicable, record the amount of liquids removed from each leak detection system sump at least weekly? _____

265.226(b)(2) After closure, does the owner/operator record the amount of liquids removed from the leak detection system at least monthly? _____

265.226(b)(3) Does the owner/operator have a Department approved Pump Operating Level? _____

At closure, the owner/operator must:

265.228(a)(1) Remove and decontaminate all components, and manage them as hazardous waste? _____

Close the surface impoundment and provide postclosure care as a landfill to include the following:

265.228(a)(2)(i) Eliminate free liquids? _____

265.228(a)(2)(ii) Stabilize remaining waste to support final cover? _____

265.228(a)(2)(iii) Final cover? _____

The final cover must be designed and constructed to:

265.228(a)(2)(iii)(A) Provide long-term minimization of migration? _____

265.228(a)(2)(iii)(B) Function with minimum maintenance? _____

265.228(a)(2)(iii)(C) Promote drainage and minimize erosion? _____

265.228(a)(2)(iii)(D) Accommodate settling? _____

265.228(a)(2)(iii)(E) Permeability less than or equal to the permeability of any bottom liner system or natural subsoils present? _____

During postclosure care, the owner/operator must:

265.228(b)(1) Maintain the integrity of the final cover? _____

265.228(b)(2) Maintain and monitor the leak detection system? _____

265.228(b)(3) Maintain and monitor the groundwater? _____

265.228(b)(7) Prevent run-on and run-off? _____

265.229 Are ignitable or reactive waste(s) placed in the surface impoundment? _____

If yes, are the waste(s):

265.229(a)(1) Treated, rendered, or mixed as to not meet the definition of ignitable or reactive? _____

265.229(b)(1) Managed to prevent ignition or reactivity? _____

265.229(b)(2) Certification that the facility will _____

- prevent ignition or reaction?
- 265.229(b) (3) Is the certification maintained at the facility? _____
- 265.229(c) Used solely for emergencies? _____
- 265.230 Does the owner/operator place incompatible waste(s) and/or materials in the same surface impoundment? _____

Subpart L - Waste Piles (DLT)

- 265.251 Is the waste pile covered or otherwise managed so that wind dispersal is controlled? _____
- 265.252 Does the owner/operator have a waste analysis plan? _____
- If yes:
- Is a representative sample of waste from each incoming movement analyzed before being added to the pile? _____
- If no:
- 265.252(1) Are the only waste(s) the facility receives amenable to piling, compatible with each other? _____
- 265.252(2) Is the waste received compatible with the waste already in the pile? _____
- Is the analysis conducted capable of differentiating between the type of hazardous waste(s) the owner/operator places in piles, so that mixing of incompatible waste(s) does not occur? _____
- If yes:
- Does the analysis include a visual comparison of color and texture? _____
- 265.253 Does the pile exhibit hazardous waste leachate or runoff? _____
- If yes, is one of the following present:
- 265.253(a) (1) An impermeable base that is compatible with the waste under the conditions of _____

treatment or storage?

Or

265.253(a)(2) A run-on control system in place capable of preventing flow onto the active portion of the pile during peak discharge from at least a 25 year storm? _____

Or

265.253(a)(3) A run-off control system in place capable of collecting and controlling the water volume resulting from at least a 25 year storm? _____

Or

265.253(a)(7) A collection and holding facility associated with run-on and run-off control systems that are emptied or otherwise managed to maintain design capacity of the system? _____

Or

265.253(b)(1) Protection mechanism from precipitation and run-on by some other means? _____

265.253(b)(2) Does the owner/operator place liquids or waste(s) containing free liquids in the pile? _____

265.257 Was the waste pile constructed, expanded, or replaced after January 29, 1992? _____

If yes:

Has the owner/operator installed and is operating two or more liners and a leachate collection and removal system? _____

265.255(a) Has the owner/operator of the waste pile submitted a proposed action leakage rate to the Department? _____

265.255(b) Has the Department approved an action leakage rate? _____

265.255(c) Has the owner/operator ever exceeded the established action leakage rate? _____

265.256(a) Are ignitable or reactive waste(s) placed in the waste pile? _____

If yes:

Did the waste(s) and pile satisfy all applicable requirements of 268 of this section? _____

265.256(a)(1)(i) Does the addition of waste(s) to an existing pile result in the waste(s) or mixture to no longer met the definition of ignitable or reactive? _____

265.256(a)(1)(ii) Is the waste(s) or mixture free of reactions, fumes, etc? _____

265.256(a)(2) Is the waste(s) or mixture managed in such a way that it is protected from ignitable or reactive conditions? _____

- 265.257(a) Are incompatible waste(s) and materials placed in the same pile? _____
- 265.257(b) Are incompatible piles or other materials separated or protected by means of a dike, berm, wall or other device? _____
- 265.257(c) Does the owner/operator place hazardous waste(s) in a pile where incompatible waste(s) or other materials were once piled? _____

If yes:

- Has the owner/operator sufficiently decontaminated the area? _____
- 265.258(a) If the pile has been closed, were all waste(s) residues, contaminated containment system components, contaminated subsoils and structures, and contaminated equipment managed as a hazardous waste(s), or decontaminated? _____
- 265.258(b) If applicable, has the owner/operator closed the waste pile and performed postclosure care in accordance with the closure and postclosure requirements that apply to a landfill? _____
- 265.259(a) Has the owner/operator submitted to the Department, a response action plan? _____

At a minimum, the plan must address the following:

- 265.259(b) Did the flow rate into the leak detection system exceed the action leakage rate for any sump? _____
- 265.259(b) (1) Department notification, in writing, of the exceedance within 7 days of the determination? _____
- 265.259(b) (2) A preliminary written assessment submitted to the Department within 17 days of said determination? _____
- 265.259(b) (3) The location, size, and cause of the leak, if practicable? _____
- 265.259(b) (7) Waste receipt and removal determination? _____
- 265.259(b) (5) Action steps to mitigate or stop any leaks? _____
- 265.259(b) (6) Within 30 days, submit analytical data and action plans? _____
- 265.260 Does the owner/operator record the amount of liquids removed from each leak detection system sump at least weekly? _____

Subpart M - Land Treatment (DLT)

265.270 Does the facility land treat hazardous waste(s)? _____

If yes:

265.272 (a) Can the hazardous waste(s) be made less hazardous or nonhazardous by degradation, transformation, or immobilization processes occurring in or on the soil before being placed in or on a land treatment facility? _____

265.272 (b) Does the owner/operator maintain a run-on control system in place capable of preventing flow onto the active portions of the land treatment facility during peak discharge from at least a 25 year storm? _____

265.272 (c) Does the owner/operator maintain a run-off management system capable of collecting and controlling a water volume resulting from a 25 year storm? _____

265.272 (d) Are collection and holding facility(s) associated with run-on and run-off control systems emptied or otherwise managed to maintain design capacity of the system(s)? _____

265.272 (e) Does the owner/operator manage the unit to control wind dispersal? _____

In addition to a waste analysis plan, as required by 265.13, before placing a hazardous waste(s) in or on a land treatment facility, the owner/operator must:

265.273 (a) Determine the concentration in the waste of any substance that equals or exceeds the maximum concentrations to exhibit the toxicity characteristic? _____

265.273 (b) Determine the concentration of any substance in the waste which would cause it to be a listed waste? _____

265.273 (c) For food chain crops, determine the concentration of arsenic, cadmium, lead, and mercury, unless written documentation exists to show those concentrations are not present? _____

NOTE: The owner/operator must place the results from each waste analysis, or the documented information, in the facility operating record.

265.276 (a) Has the owner/operator notified the Department if food chain crops are being grown, or have been grown and will be grown in the future on the land treatment facility? _____

If yes:

265.276 (b) (1) (i) Has the owner/operator demonstrated that concentrations of arsenic, lead, mercury, or other constituents identified under 265.273 (b) will not be transferred to the food portion of the crop, or ingested by food chain animals? _____

Or

265.276 (b) (1) (ii) That the above constituents will not occur in greater concentrations in the crops grown on the land treatment facility than in the same crops grown on untreated soils, _____

under similar conditions in the same region?

At a minimum, the facility must keep the following information necessary to demonstrate compliance with paragraph (b) (1) of this section:

- 265.276(b) (2) (i) Test results for the specific waste(s) and application rates being used at the facility? _____
- 265.276(b) (2) (ii) Descriptions of crop and soil characteristics, sample selection criteria, sample size determination, analytical methods, and statistical procedures? _____
- 265.276(c) Does the facility grow food chain crops on areas receiving waste(s) that contain cadmium? _____

If yes:

- 265.276(c) (1) (i) Is the pH of the waste(s) and soil mixture 6.5 or greater at the time of each waste application, except for waste containing cadmium at concentrations of 2 mg/kg or less? _____
- 265.276(c) (1) (ii) On land used for production of tobacco, leafy vegetables, or root crops grown for human consumption, does the annual application of cadmium exceed 0.5 kg/ha? _____

NOTE: For other food chain crops, see tables in paragraph (c) of this section regarding the annual cadmium application rates.

- 265.278(a) Does the facility have an implemented written unsaturated zone monitoring plan? _____

If yes, is the plan designed to:

- 265.278(a) (1) Detect the vertical migration of hazardous waste(s) and hazardous waste(s) constituents under the active portion of the facility? _____
- 265.278(a) (2) Provide information on background concentrations of hazardous waste(s) and hazardous waste(s) constituents in nearby untreated soils? _____

At a minimum, does the plan also include:

- 265.278(b) (1) Soil monitoring using soil cores? _____
- 265.278(b) (2) Soil pore monitoring using devices such as lysimeters? _____

Has the owner/operator demonstrated in his unsaturated zone monitoring plan that:

- 265.278(c) (1) The depth at which soil and soil pore water samples are to be taken is below the depth to which the waste(s) is incorporated into the soil? _____
- 265.278(c) (2) (i) The number of soil and soil pore water samples to be taken is based on the variability of the hazardous waste(s) constituents in the waste(s) and in the soil? _____
- 265.278(c) (2) (ii) The soil type? _____

265.278(c) (3) Is the frequency and timing of soil and soil pore water sampling based on the frequency, time, and rate of waste(s) application, proximity to groundwater, and soil permeability? _____

265.278(d) Does the owner/operator keep at the facility a copy of his unsaturated zone monitoring plan and the rationale used in developing this plan? _____

265.278(e) Does the owner/operator analyze the soil and soil pore water samples for the hazardous waste(s) constituents that were found during waste analysis? _____

NOTE: All data and information required by this section must be maintained in the operating record of the facility.

265.279 Does the owner/operator include hazardous waste(s) application data and rates in the facility operating record? _____

Does the owner/operator have a closure plan? _____

If yes, does the plan address the following:

265.280(a) (1) Control of the migration of hazardous waste(s) and hazardous waste(s) constituents from the treated area into the groundwater? _____

265.280(a) (2) Control of the release of contaminated run-off from the facility into surface water? _____

265.280(a) (3) Control of the release of airborne particulate contaminants caused by wind erosion? _____

265.280(a) (7) Compliance with section 265.276 concerning the growth of food chain crops? _____

Does the owner/operator consider at least the following factors in addressing closure and postclosure care:

265.280(b) (1) Type and amount of hazardous waste(s) and hazardous waste(s) constituents applied to the facility? _____

265.280(b) (2) Migration rates? _____

265.280(b) (3) Site location, topography, and surrounding land use, with respect to the potential effects of pollutant migration? _____

265.280(b) (7) Climate, including pH of precipitation? _____

265.280(b) (5) Geology and hydrology of the site? _____

265.280(b) (6) Unsaturated zone monitoring information? _____

265.280(b) (7) Comparison of hazardous waste(s) constituents in the soil to background concentrations? _____

Does the owner/operator consider at least the following methods in addressing the closure and postclosure care:

265.280(c) (1) Removal of contaminated soils? _____

265.280(c)(2) Placement of final cover to include function and characteristics? _____

265.280(c)(3) Groundwater monitoring? _____

265.280(d) Is the facility in closure? _____

If yes, the owner/operator must:

265.280(d)(1) Continue unsaturated zone monitoring? _____

265.280(d)(2) Maintain a run-on control system? _____

265.280(d)(3) Maintain a run-off control system? _____

265.280(d)(7) Control wind dispersal? _____

265.280(e) At closure, was the Department provided with certification that the facility was closed in accordance with an approved closure plan? _____

During the postclosure care period, has the owner/operator met the following requirements:

265.280(f)(1) Continued soil core monitoring? _____

265.280(f)(2) Restricted access to the unit? _____

265.280(f)(3) Assured that growth of food chain crops complies with 265.276? _____

265.280(f)(7) Control wind dispersal? _____

265.281 Does the owner/operator meet the special requirements for the application of ignitable or reactive waste(s)? _____

If yes:

265.281(a) Are waste(s) immediately incorporated into the soil? _____

265.281(a)(1) Does the resulting waste(s), mixture or dissolution of material no longer meet the definition of ignitable or reactive? _____

265.281(b) Is waste(s) managed to that it is protected from any material or conditions which may cause it to ignite or react? _____

265.282 Are incompatible waste(s), or incompatible waste(s) and materials placed in the same land treatment area? _____

Subpart N - Landfills (DLF)

265.301(a) Was the landfill constructed, expanded or replaced after January 29, 1992? _____

If yes:

Has the owner/operator installed and is operating two or more liners and a leachate collection and removal system? _____

265.301(b) Was the Department notified at least 60 days prior to the receipt of waste(s) by the owner/operator? _____

If yes:

Has the owner/operator filed a Part B application with the Department within 6 months of such notification? _____

265.302(a) Has the owner/operator of the landfill submitted a proposed action leakage rate to the Department? _____

265.302(b) Has the Department approved an action leakage rate? _____

265.302(c) Has the owner/operator ever exceeded the action leakage rate? _____

265.303(a) Has the owner/operator submitted to the Department, a response action plan? _____

At a minimum, the plan must address the following:

265.303(b) Did the flow rate into the leak detection system exceed the action leakage rate for any sump? _____

265.303(b) (1) Department notification, in writing, of the exceedance within 7 days of the determination? _____

265.303(b) (2) A preliminary written assessment submitted to the Department within 17 days of said determination? _____

265.303(b) (3) The location, size and cause of the leak, if practicable? _____

265.303(b) (7) Waste receipt and removal determination? _____

265.303(b) (5) Action steps to mitigate or stop any leaks? _____

265.303(b) (6) Within 30 days, submit analytical data and action plans? _____

265.307(a) Does the owner/operator record the amount of liquids removed from each leak detection system sump at least weekly, if applicable? _____

265.307(b) After final cover, if applicable, does the owner/operator monitor the amount of liquids removed from each leak detection system sump at least monthly? _____

265.307(c) Does the owner/operator have a Department approved APump Operating Level? _____

Are the following items maintained in the operating record:

265.309(a) On a map, the exact location and dimensions, including depth of each cell with respect to permanently surveyed benchmarks? _____

265.309(b) The contents of each cell and approximate location of hazardous waste(s) in each cell? _____

265.309(c) The date and volume of leachate which was withdrawn from each cell? _____

265.310(a) Does the owner/operator have a closure plan that addresses both closure of the landfill itself and any cell within the landfill? _____

If yes, the plan must address the following:

265.310(a) (1) Long term minimization of migration of liquids? _____

265.310(a) (2) Function with minimum maintenance? _____

265.310(a) (3) Drainage and erosion or abrasion of the cover? _____

265.310(a) (7) Settling and maintenance of cover integrity? _____

265.310(a) (5) Permeability? _____

265.310(b) Does the owner/operator have a postclosure care plan? _____

If yes, the plan must address the following:

265.310(b) (1) Integrity of final cover? _____

265.310(b) (2) Leak detection system? _____

265.310(b) (3) Groundwater monitoring system? _____

265.310(b) (7) Run-on and run-off prevention? _____

265.310(b) (5) Protection and maintenance of benchmarks? _____

Are reactive waste(s) accepted by the landfill? _____

If yes:

265.312(a) Do they meet all applicable requirements of 268? _____

265.312(a) (1) Does the resulting waste(s), mixture or dissolution or material no longer met the definition of ignitable or reactive? _____

265.312(b) If no, are they landfilled in non-leaking _____
containers, away from sources of ignition,
and covered daily?

265.313 Are incompatible waste(s) placed in the _____
same landfill cells?

If yes:

Does the owner/operator comply with _____
Subpart B paragraph 265.17(b)?

265.317(a) Prior to May 8, 1985, did the _____
owner/operator place bulk or
non-containerized waste(s)
or waste containing free liquids in the landfill?

If yes:

265.317(a) (1) Did the landfill have an appropriate _____
liner and leachate collection and
removal system per 267.310(a)?

265.317(a) (2) Were liquid waste(s) or waste(s) _____
containing free liquids treated or stabilized,
chemically or physically (e.g. by mixing
with a sorbent solid) prior to disposal?

265.317(b) Does the owner/operator currently place _____
bulk or non-containerized liquid hazardous
waste(s) or hazardous waste(s) containing
free liquids in the landfill?

NOTE: Effective May 8, 1985 this activity is prohibited.

265.317(c) Are containers holding free liquids _____
placed in the landfill?

If yes, are:

265.317(c) (1) All free liquids removed or solidified? _____

265.317(c) (2) The containers small, such as an ampule? _____

265.317(c) (3) The containers designed to hold free _____
liquids for use other than storage,
such as a battery or capacitor?

265.317(c) (7) The containers lab packs? _____

265.317(d) Does the owner/operator demonstrate _____
the absence or presence of free liquids
in either a containerized or bulk
waste(s)?

265.317(e) Is the owner/operator in compliance with _____
the November 19, 1981 and March 22, 1982
respective dates for the placement of
waste(s) containing free liquids in
the landfill?

265.317(f) Does the owner/operator utilize _____
nonbiodegradable sorbents in the
treatment of waste(s) containing free
liquids?

265.317(g) Does the owner/operator place any _____
liquid which is not hazardous waste
in the landfill?

NOTE: This activity is prohibited effective November 8, 1995.

If yes, has the owner/operator demonstrated the following to

the Department and the Regional Administrator:

- 265.317(g) (1) No other reasonable alternative is available? _____
- 265.317(g) (2) Placement will not present a risk of contamination of any underground source of drinking water? _____
- 265.315(a) Are containers at least 90% full when placed or buried in the landfill, unless they are very small, such as an ampule? _____
- 265.315(b) Are containers crushed, shredded, or similarly reduced in volume to the maximum practical extent before placement or burial in the landfill? _____
- 265.316 Does the owner/operator accept small containers of hazardous waste(s) in overpacked drums (lab packs) for placement or burial in the landfill? _____

If yes:

- 265.316(a) Is the hazardous waste(s) packaged in non-leaking containers? _____
- 265.316(b) Is the inside container overpacked? _____
- 265.316(c) Is the sorbent material used non-reactive with, being decomposed by, or being ignitable by the contents of the inside container? _____
- 265.316(d) Are incompatible waste(s) being placed within the same container? _____
- 265.316(e) Are reactive waste(s) treated or rendered non-reactive prior to packaging? _____

Subpart O - Incinerators (DIN)

- 265.371 Does the facility have a waste analysis plan? _____

If yes:

Does the plan sufficiently analyze all waste(s) which have not previously been incinerated at the facility? _____

At a minimum the plan must include:

- 265.371(a) Heating value of the waste(s)? _____
- 265.371(b) Halogen content in the waste(s)? _____
- 265.371(b) Sulphur content in the waste(s)? _____
- 265.371(c) Concentration of lead and mercury in the waste, unless the facility has written documentation that shows these elements are not present? _____
- 265.375 Does the owner/operator maintain the incinerator in a steady state condition (temperature and air flow) before adding hazardous waste(s)? _____

Does the owner/operator monitor, at least every 15 minutes, the existing instruments which relate to combustion and emission control including:

- 265.377(a) Waste feed? _____
- 265.377(a) Auxiliary fuel feed? _____
- 265.377(a) Air flow? _____
- 265.377(a) Incinerator temperature? _____
- 265.377(a) Scrubber flow? _____
- 265.377(a) Scrubber pH? _____
- 265.377(a) Relevant level controls? _____
- Is the incinerator and associated equipment (pumps, valves, conveyors, pipes, etc) inspected daily for:
- 265.377(b) Leaks, spills and fugitive emissions? _____
- 265.377(b) Emergency shutdown controls? _____
- 265.377(b) System alarms? _____
- 265.351 Does the facility's closure plan address the incinerator and the removal of all hazardous waste(s) and ensuing residues? _____
- 265.352(a) Does the incinerator burn F020, F021, F022, F023, F026, or F027 waste(s)? _____
- If yes:
- 265.352(b) Has the incinerator been certified by the Department indicating that they met 267 Subpart O performance standard for the above? _____

Subpart P - Thermal Treatment (DOR)

265.370 Is hazardous waste(s) thermally treated in a device other than an enclosed unit using controlled flame combustion? _____

If yes:

265.373 Is the process operating at steady state conditions (including temperature) before adding hazardous waste(s)? _____

265.375 In addition to the waste analysis required by Subpart B section 265.13, does the facility's waste analysis plan sufficiently analyze any waste(s) which have not previously been treated in the unit to ensure steady state conditions? _____

At a minimum, the plan must include:

265.375(a) Heating value of the waste(s)? _____

265.375(b) Halogen content in the waste(s)? _____

265.375(b) Sulfur content in the waste(s)? _____

265.375(c) Concentration of lead and mercury in the waste(s), unless the facility has written documentation that show these elements are not present? _____

At a minimum, the owner/operator must conduct the following monitoring and inspections when thermally treating hazardous waste(s):

265.377(a) (1) Temperature and emission control instruments, at least every 15 minutes? _____

265.377(a) (1) Waste feed? _____

265.377(a) (1) Auxiliary fuel feed? _____

265.377(a) (1) Treatment process temperature? _____

265.377(a) (1) Relevant process flow and level controls? _____

265.377(a) (2) Stack plume color? _____

265.377(a) (2) Stack plume opacity? _____

265.377(a) (3) Is the thermal treatment process and associated equipment (pumps, conveyors, pipes, etc) inspected daily for: _____

- Leaks? _____
- Spills? _____
- Fugitive emissions?
Emergency shutdown controls and
system alarms? _____
- 265.381 Does the facility's closure plan address
the removal of all hazardous waste(s)
and hazardous waste(s) residues? _____
- 265.382 Is open burning or detonation of waste
explosives conducted? _____
- If yes:
- Is the open burning or detonation
performed in accordance with the table
outlined in this section? _____
- 265.383(a) Does the thermal treatment unit burn F020,
F021, F022, F023, F026, or F027 waste(s)? _____
- If yes:
- 265.383(b) Has the thermal treatment unit been
certified by the Department indicating
that all performance standards for the
above have been met per 267 Subpart O? _____

Subpart O - Chemical, Physical & Biological Treatment (DOR)

NOTE: Hazardous waste or treatment reagents
must not be placed in the treatment
process equipment if they could cause

the treatment process equipment to leak, rupture, corrode or otherwise fail before the end of its intended life (265.701(b)).

- Is the process a continuous feed system? _____
- 265.701(c) If yes, is it equipped with a means to stop waste inflow (e.g. waste feed cut-off system or bypass)? _____
- 265.702(a) (1) Is waste analysis information maintained in the operating record? _____
- 265.702(a) (2) If a hazardous waste is received which is substantially different from any hazardous waste previously treated at the facility, or if the treatment process changes substantially, are the following obtained: _____
- Waste analyses and trial treatment tests (e.g. bench scale);
- or
- Written documented information on similar treatment of similar waste?
- Does the owner/operator inspect the following, where present?
- At least daily:
- 265.703(a) (1) Discharge control and safety equipment (e.g. waste feed cut-off, by-pass, drainage or pressure relief systems)? _____
- 265.703(a) (2) Data gathered from monitoring equipment (e.g. pressure and temperature gauges)? _____
- At least weekly:
- 265.703(a) (3) Construction materials of treatment process or equipment to detect erosion or obvious signs of leakage? _____
- 265.703(a) (7) Construction materials of confinement structures to detect erosion or obvious signs of leakage? _____
- 265.707 Does the facility's closure plan address all hazardous waste and hazardous residues which must be removed from treatment processes or equipment, discharge control equipment, and discharged confinement structures? _____
- 265.705 (a) (1) Are ignitable or reactive wastes placed in the treatment process? _____
- If yes, is the waste treated, rendered or mixed before or immediately after being placed in the treatment process so it no longer meets the definition of ignitable or reactive or so that it is protected from any material or conditions which may cause the waste to ignite or react? _____
- 265.17 (c) (2) (ii) Are signs (e.g. Danger Unauthorized Personnel Keep Out) posted at the entrances to the active portion. _____

Subpart G - Closure/Post Closure (DCL)

265.1(b) Applicability of closure standards:

Closure standards apply in full until certification of closure. The date closure commences should be within 30 days after the date on which he expects to receive the final volume of waste.

Identify status of unit(s) in closure mode to date:

For all units, is handler in compliance with the following:

265.112 (d) (1) Was closure plan submitted at least 180 days prior to closure (unless petitioned otherwise)? _____

265.113(a) Within 90 days (or as petitioned otherwise) after receiving the final volume of hazardous waste or 90 days after approval of the closure plan, did handler treat, _____

remove or dispose of all HW in accordance with the plan?

Does facility maintain that closure has been completed? _____

265.117 If yes, have all equipment and structures been properly disposed of or decontaminated by removal of hazardous waste? (pipes, plumbing, etc. associated with the units.) _____

265.115 If yes, has a certification of closure been submitted to the Department? _____

Has handler closed the facility in manner which:

265.111(a) Minimizes the need for further maintenance? _____

265.111(b) Controls/minimizes or eliminates post-closure escape of hazardous waste, hazardous waste constituents, leachate, contaminated rainfall, etc? _____

Has groundwater contamination, which indicates the presence of hazardous waste constituents been detected? _____

Is hazardous waste remaining in the unit after closure? _____

265.117 If yes to either of the above, post-closure standards are applicable. Complete the following:
Applicability of Post-Closure Standards: _____

Post-closure care must continue for 30 years after the date completing closure.

Is handler maintaining the following records:

265.117/
265.97(b) (1) Quarterly groundwater data analysis and water table elevation? _____

265.117/
265.97(b) (1) Quarterly groundwater table elevations evaluations? _____

265.117/
265.92(a) Sampling analysis plan? _____

265.117/
265.93(a) Groundwater quality assessment report? _____

265.118(b) Copy of approved post-closure plan/revision must be kept on-site. _____

Is handler conducting the following post-closure maintenance activities?

265.310(b) (1) Maintaining cap in accordance with post-closure plan (checking for erosion, settling, etc.)? _____

265.310(b) (7) Protecting and maintaining surveyed benchmarks (benchmarks should be viewed)? _____

Other inspection or security requirements may be outlined in the post-closure plan. These should be checked for also.

Identify other requirements and compliance status.

Subpart W - Drip Pads for Wood Treaters (DOR)

265.770 Does the company use a drip pad(s) which _____
(a) conveys treated wood drippage, pre-
cipitation, and/or surface water runoff
to an associated collection system
(containing F032, F037 and/or, F035
listed HW)?

Were these pads constructed before December 6, _____
1990?

Did the company generate a design and enter _____
into a binding financial agreement to
construct drip pads prior to December 6, 1990?

NOTE: If "Yes" to either of the two previous
questions, then the company has existing drip
pads. If "No" to both questions, then the
company has new drip pads.

Design and Installation of New Drip Pads

265.773(a) Are the following requirements being met:

265.773 Constructed of nonearthen materials, _____
(a) (1) excluding wood and nonstructurally
supported asphalt?

265.773 Sloped for drainage of wood drippage? _____
(a) (2)

265.773 Curbed or have a berm around perimeter? _____
(a) (3)

265.773 Impermeable across entire surface? _____
(c) (7)

265.773 Sufficient structural strength and _____
(a) (5) thickness?

265.773(b) After the deadline in 265.771(b) of this subpart,
does the new or existing drip pad have:

265.773 An appropriately constructed and installed _____
(b) (1) (i-iii) synthetic liner?

265.773 An appropriately designed, constructed, and _____
(b) (2) (i-iii) maintained leakage detection system?

265.773(c) Does the drip pad(s) contain any cracks, gaps, _____

corrosion, or other evidence of deterioration?

- 265.773 (d) Has any drippage, liquids from precipitation, or other wastes run off the pad and/or collection system? _____
- 265.770 (b) Is the drip pad(s) protected (or covered)? _____
- If no then:
- 265.773 (e) (f) Is the drip pad(s) and system designed, constructed, and maintained so that runoff and runoff from a 27-hour, 25-year storm event are prevented from comingling? _____
- 265.773 (g) Has the drip pad(s) been evaluated properly to ensure that the system satisfies the requirements of 265.773(a-f)? _____
- 265.773 (h) Are measures taken to remove drippage and accumulation of precipitation from the collection system to prevent overflow onto drip pad(s)? _____
- 265.773 (i) Are drip pad(s) surfaces cleaned properly at least once every seven days and documented in facility's operating log? _____
- 265.773 (j) Are any drippages or other hazardous waste liquids tracked off the drip pad(s) as a result of usual activities? _____
- 265.773 (k) Are treated materials left on drip pad(s) until all drippage has ceased? _____
- Is this properly documented? _____
- 265.773 (l) Are associated collection system units drained ASAP after storms to maintain design capacity? _____
- 265.773 (m) Has operator ever detected a leak of the system that allowed a release of hazardous waste? _____
- If yes, within a reasonably prompt period of time was the following accomplished?
- 265.773 (m) (1) (i) Event recorded in the operating log? _____
- 265.773 (m) (1) (ii) Immediately removed the drip pad(s) or affected portion(s) from service? _____
- 265.773 (m) (1) (iii) Determined repair steps and remediated leakage and established a clean up and repair schedule? _____
- 265.773 (m) (1) (iv) Notified the Department within 27 hours of discovery and provided a written notice of remediation plan to the Department within 10 days of discovery? _____
- 265.773 (m) (3) Provided the Department with a certification from an independent, qualified, registered professional engineer that remediations were accomplished in accordance with 265.773(m)(1)(iv). _____
- 265.773 (n) Is appropriate information regarding drip pad operation maintained in the facility's _____

operating log?

Assessment of Existing Drip Pads

265.771(a) Has the company evaluated its existing drip pad(s)? _____

Has this evaluation been reviewed and certified by an independent, registered, professional engineer? _____

Is this evaluation on file at the facility? _____

Was this written evaluation filed no later than June 6, 1991? _____

Does the evaluation properly address applicable aspects of 265.773? _____

Is the evaluation reviewed, updated and re-certified annually? _____

Is the age of the drip pad(s) documented in this evaluation plan? _____

If yes, list the age(s) of the pad(s) _____

Does the existing drip pad(s) meet the requirements of 265.773(b)? _____

265.771(b) If "No", the company must develop a written plan for upgrading the existing pad(s) to meet 265.773(b). _____

Has this plan been reviewed, and certified by an independent, qualified, registered professional engineer? _____

Was the plan submitted at least 2 years prior to the anticipated completion of upgrades? _____

NOTE: The company must complete repairs and upgrades for existing pads of known, documented age by June 6, 1993 or by the 15th anniversary of the pads (whichever is later). For existing pads of undetermined age, the company must repair and upgrade them by June 6, 1999. However, if the company is older than 7 years, the pads must be repaired or upgraded by the time the company reaches 15 years of age, or by June 6, 1993 whichever comes later.

265.771 (b) (1) (2) Has the company complied with the above? _____

265.771(c) Has the company submitted to the Department, drawings illustrating the completion of upgrades and repairs? _____

Was this submittal accompanied by a certification from an independent, qualified, registered professional engineer? _____

NOTE: If during this process for evaluating existing pad(s), the units are found to be leaking then 265.773(m) must be complied with or the units must be closed in accordance with 265.775.

Inspection of Existing and New Drip Pads

- 265.777(a) During construction or installation have liners and and cover systems been inspected for:
- Uniformity? _____
 - Damage? _____
 - Imperfections? _____
- After installation, have liners been certified to be in compliance with 265.773 by a certified PE? _____
- After installation have liners been inspected:
- To ensure tight seams and joints? _____
 - For tears? _____
 - For punctures? _____
 - For blisters? _____
- 265.777(b) While drip pad(s) is in operation, has it been inspected weekly for:
- 265.777 (b) (1) Deterioration of runon and runoff control systems? _____
- 265.777 (b) (2) Leakage? _____
- 265.777 (b) (3) Deterioration of drip pad(s) surface? _____
- 265.775 Are drip pads addressed in closure/post-closure Plan? _____

NOTE: Company must close units in accordance with applicable requirements of 265.775.

265 - Subpart AA Air Emissions Standards for Process Vents (DOR)

- 265.1030(b) Does the company have any process vents, in areas of the plant subject to permit requirements of the SCHWMMR, associated with the following (that manage HW with organic concentrations over 10 ppmw):
- Distillation? _____
 - Fractionation? _____
 - Thin film evaporation? _____
 - Solvent extraction? _____
 - Air steam stripping? _____
- 265.1032 (a) (1) If yes to any of the above, does the process vent meet the requirements to maintain levels of organic emissions below 3 pounds per hour and 3.1 tons per year? (If no specify in comments section) _____

or

- 265.1032 (a) (2) Are control devices installed which reduce all process vent organic emissions at the facility by 95 percent? (If no, specify in comments section) _____
- 265.1033 (a) (1) Is a closed vent system control device used to comply with 265.1032(a) (2)? _____
- 265.1033 (b-e) Is this control device properly installed and operated? _____
- 265.1033(f) Is this control device monitored and inspected properly? _____
- 265.1037(a) Are the closed vent systems properly tested for leaks? _____
- 265.1035 Are proper records maintained at the facility regarding all appropriate systems and pertinent information? _____

265 - Subpart BB Air Emission Standards for Equipment Leaks (DOR)

- 265.1050(b) Does the company have any equipment in areas of the plant subject to permit requirements of SCHWMMR, that contains or contacts HW with organic concentrations of at least 10 percent by weight? _____
- 265.1050(c) Is each piece of equipment, to which this subpart applies, marked so as to distinguish it from any other pieces of equipment? _____
- Are these pieces of equipment:
- 265.1052 Pumps in light liquid service? _____
- 265.1053 Compressors? _____
- 265.1057 Pressure relief devices in gas/vapor service? _____
- 265.1055 Sampling connecting systems? _____
- 265.1056 Open ended valves or lines? _____
- 265.1057 Valves in gas/vapor service or valves in light liquid service? _____
- 265.1058 Pumps and valves in heavy liquid service? _____
- Pressure relief devices in light liquid or heavy liquid service? _____
- Flanges and other connectors? _____

- If yes to any of the above, are appropriate standards met? (If no, specify in comments section) _____
- 265.1059 Are repairs for leaks implemented appropriately? _____
- 265.1061 and 1062 These sections allow for alternate standards to be elected to apply (by the facility) to 265.1057 above.
- Are these alternate standards being chosen? _____
- 265.1063 Are appropriate test methods and procedures being applied regarding leak detection? _____
- 265.1067 Are proper records being maintained at the facility regarding all appropriate pieces of equipment and pertinent information? _____
- Comments: _____
- _____
- _____

Subpart DD - Containment Buildings (GOR)

- 265.1100 (a) Is the building completely enclosed and constructed of manmade materials of sufficient strength as not to fail due to the use of heavy equipment, climactic conditions or contact with waste. _____
- If the unit is used to manage liquids:
- 265.1100 (c) (1) Is the primary barrier constructed of materials to prevent migration of hazardous constituents into the barrier? _____
- 265.1100 (c) (2) Is there a liquid collection system? _____
- 265.1100 (c) (3) Is there a secondary containment system with a adequate leak detection and liquid collection system? _____
- 265.1100 (d) Is the building free from fugitive emissions? _____
- 265.1101 (c) (1) (i) Is the primary barrier free from significant cracks or deterioration? _____
- 265.1101 (c) (1) (ii) Is the level of waste maintained at a level as not to exceed the height of the containment wall? _____
- 265.1101 (c) (1) (iii) Has an area been designated to decontaminate personnel and equipment? _____
- 265.1101 (c) (1) (iii) Is any rinsate for decontamination been collected and properly managed? _____
- 265.1101 (c) (2) Has a certification been obtained by a qualified registered professional engineer stating that the building design meets the requirements of paragraphs a - c of section 265.1101? _____

Upon detection of a release of hazardous waste does the owner or operator:

- 265.1101 Enter a record of the discovery in the _____
(c) (3) (i) facility operating log?
(A)
- 265.1101 Immediately remove the affected portion of _____
(c) (3) (i) the building from service?
(B)
- 265.1101 Determine what steps must be taken to repair _____
(c) (3) (i) the building?
(C)
- 265.1101 Notify the Department within 7 days of _____
(c) (3) (i) discovery of the condition?
(D)
- 265.1101 Notify the Department upon completion of _____
(c) (3) all repairs?
(iii)
- 265.1101 Is the data from leak detection and monitoring _____
(c) (7) equipment inspected and recorded at least every 7 days?

Section 268 - Land Disposal Restrictions (DLB)

- Does the company generate, and/or manage on site, and/or receive from offsite any HW subject to Land Disposal Restrictions (LDR)? _____
- 268.3 If the company is under ISS, or has a permit to treat, has it sought dilution as a substitute for treatment? _____
- Does the company have any of the following:
- 268.7 Treatment surface impoundment exceptions? _____
- 268.5 Case by case extentions to effective dates? _____
- 268.6 Petitions to allow land disposal? _____
- Does the company generate, manage, or receive mixed restricted wastes with different treatment standards? _____
- 268.71(b) If yes, did the company apply the most stringent treatment standard (of those in the mixture)? _____
- 268.7 and Sub-part D Did the company properly identify and select the appropriate treatment standards for its LDR wastes? _____
- Does the company generate, manage, or receive (enter where appropriate):
- 268.30 Spent solvent and Dioxin containing wastes? _____
- 268.32 California List Wastes? _____
- 268.33 First Third Wastes? _____
- 268.37 Second Third Wastes? _____
- 268.35 Third Third Wastes? _____
- Have the HW been appropriately identified for the above categories? _____
- 268.7 Has the company properly performed waste analysis and/or applied adequate knowledge of process to determine whether the LDR wastes exceed treatment standards? _____
- 268.7 If restricted wastes exceeded treatment standards or are prohibited, did company provide and/or receive the required notification with each shipment including:
- EPA Hazardous Waste Number? _____
- Corresponding treatment standards/prohibitions? _____
- Manifest Document Number? _____
- Available Waste Analysis? _____
- 268.7 If restricted wastes did not exceed treatment standards

or are not prohibited, did company provide and/or receive the required notice and certification including:

- EPA Hazardous Waste Number? _____
- Corresponding treatment standards/prohibitions? _____
- Certification that waste meets the treatment standards and prohibition levels? _____
- Manifest document number? _____
- Available waste analysis data? _____
- 268.7 If company's waste is subject to an exemption from a prohibition on the type of land disposal method used for the waste, did the company provide and/or receive the required notice that the waste may be land disposed including:
- EPA Hazardous Waste Number? _____
- Corresponding treatment standards/prohibitions? _____
- Manifest document number? _____
- Available waste analysis data? _____
- 268.7 Did the company retain in onsite files documentation to support his determination that the waste is or is not restricted? _____
- 268.7 Did the company retain in onsite, or received from, files for at least 5 years past the date the waste was last shipped offsite all notices, certifications, demonstrations, waste analysis data, and other relevant documentation? _____
- 268.50(1) Has the company (with generator status only) stored LDR wastes longer than 90 days? (If yes he must apply for a TSD permit) _____
- 268.50(2) Has the company (with TSD status) stored LDR wastes longer than 1 year? (If yes, he must show the need to accumulate to economically treat, recover or dispose) _____

WITHDRAWING/WITHDRAWN FACILITY CHECKLIST

Describe type of unit/s: _____

Has withdrawal from ISS been requested? _____

If 'yes' is the request valid and credible? _____

Explain: _____

270.71(a)(1) If withdrawal request has been previously granted, is the unit not continuing to operate as a unit requiring ISS? _____

Describe current status: _____

Y = Yes
N = No
C = Concern
N/A = Not Applicable