



# Florida Department of Environmental Regulation

Southeast District • 1900 S. Congress Ave., Suite A • West Palm Beach, Florida 33406

Lawton Chiles, Governor

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## HAZARDOUS WASTE INSPECTION REPORT

1. Inspection Report Complaint ☒ Routine ☐ Follow-up ☒ Permitting  
Facility Name SAFETY-KEEN/BOYNTON BCH. PARKER/EPA ID FLD 98416779/  
Address 46B QUANTUM INDUSTRIAL PARK (540 ALFA DRIVE)  
Mailing Address BOYNTON BEACH, FL 33426  
County PALM BEACH Phone (407) 736-1339 Date 9/15/93 Time 10:30AM

### TYPE OF FACILITY

#### Generator

- ☒ Generator (>1000 kg/mo)  
☐ SQG (100-1000 Kg/mo)  
☐ CESQG (<100 kg/mo)  
☐ Non-Handler

#### Storage

- ☒ Container  
☒ Tank  
☐ Waste Pile  
☐ Surface Impoundment

#### Treatment

- ☐ Tank  
☐ Land Treatment  
☐ Thermal  
☐ Chem/Phys/Bio  
☐ Incinerator  
☐ Surface Impoundment

#### Transporter

- ☒ Transporter  
☐ Transfer Facility

#### Disposal

- ☐ Landfill  
☐ Surface Impoundment  
☐ Waste Pile

## 2. Applicable Regulations:

- ☐ 40 CFR 261.5 ☒ 40 CFR 262 ☒ 40 CFR 263 ☒ 40 CFR 264  
☒ 40 CFR 265 ☐ 40 CFR 266 ☒ 40 CFR 268

## 3. Responsible Official:

STEVE BECKER - RESOURCE RECOVERY BRANCH MANAGER

## 4. Survey Participants and Principal Inspector:

JEFF SMITH, TIM GRAY, CHARLES EMERY, MIKE REDIG - FDEP  
GLEN CROUSE, STEVEN A. BECKER, THOMAS SANDS - SAFETY-KEEN

## 5. Facility Latitude:

Longitude:

## 6. Type of Ownership: FEDERAL STATE COUNTY MUNICIPAL PRIVATE

## 7. Permit No.: 4050-200008 195905 Date Issued: 8/26/91 Expiration Date: 8/26/96

## 8. Pre-arranged Inspection: ☒ Yes ☐ No Preinspection letter mailed.

9. Facility Description:

10. Summary of Alleged Violations:

11. Recommendaitons:

Report prepared by: \_\_\_\_\_  
Date: \_\_\_\_\_

Date 9/15/93  
Inspector GRAY SMITH  
Facility ID# FLD 98476779/

RCRA INSPECTION REPORT  
GENERATOR'S CHECKLIST

Note: On multiple part questions, check those not in compliance.

Section A - Site Identification No.

1. Site Name: SAFETY-KLEEN / BOYNTON FACILITY
2. Responsible Official: THOMAS SANDS
3. Survey Participants: TIM GRAY, JEFF SMITH, KNOX MCKEE, CHARLES EMBRY, MIKE ROKK

Section B - Hazardous Waste Determination (262.11)

1. Does generator generate hazardous waste(s) listed in Subpart D (261.30-261.33 - List of Hazardous Waste)? ☒ Yes ☐ No
  - a. If yes, list wastes, EPA numbers and quantities. FOO1, F002, F003, F004, F005
2. Does generator generate solid waste(s) that exhibit hazardous characteristics? (corrosivity, ignitability, reactivity, toxicity characteristic) (261.20-261.24 - Characteristics of Hazardous Waste) ☒ Yes ☐ No
  - a. If yes, list wastes, EPA numbers, and quantities. D001, D002, D006, D007, D008, D011
  - b. Does generator determine characteristics by testing, by product knowledge, or by applying process knowledge? ALL THREE ☒ Yes ☐ No
    - (1) If determined by testing, did generator use test methods in Part 261, Subpart C (or equivalent)? ☒ Yes ☐ No
    - (2) If equivalent test methods used, attach copy of equivalent methods used.
3. Is generator subject to full regulation under Part 262? ☒ Yes ☐ No  
(If no, check appropriate exemptions)

Conditionally exempt small quantity generator (261.5 - Special requirements) (Describe small quantity disposal practices and checklist) \_\_\_\_\_

OR

Produces non-hazardous waste at this time (261.4 - Exclusions) \_\_\_\_\_

OR

Recycles, reclaims, uses or reuses hazardous waste at this time (261.6 - Exclusions) (Describe how this is achieved.) \_\_\_\_\_

DATE 11/5/93

FACILITY ID \_\_\_\_\_

OR

Being a farmer disposing of waste pesticides for his own use on his own property (262.10(d) - Farmers) \_\_\_\_\_

OR

Burns hazardous waste as a fuel for the purpose of recovering usable energy (266.30(c)(2)) \_\_\_\_\_

Section C - Manifest (262.20-262.23)

1. Has generator shipped hazardous waste off-site since November 19, 1980? (Subpart B - The Manifest) ☒ Yes ☐ No

a. If no, do not fill out Section C and D.

b. If yes, identify primary off-site facilities.  
List facilities in narrative report.

2. Does generator use manifest? (262.20 - General requirements) ☒ Yes ☐ No  
Is EPA form 8700-22 (Rev 9-88) used? ☒ Yes ☐ No

If yes, inspect manifests at random. Do all manifests reviewed include the following information?  
(262, Appendix) (Check items not on manifest.)

- a. Generator EPA ID No. ☒ Yes ☐ No
- b. Manifest Document No. ☒ Yes ☐ No
- c. Generator's Name, Mailing Address, Telephone No. ☒ Yes ☐ No
- d. Transporter(s) Name, EPA I.D. No., Telephone No. ☒ Yes ☐ No
- e. Facility Name, Address, EPA I.D. No., Telephone No. ☒ Yes ☐ No
- f. DOT description of the waste ☒ Yes ☐ No
- g. (1) Containers (number and type) ☒ Yes ☐ No  
(2) Quantity (weight or volume) ☒ Yes ☐ No
- h. EPA waste no. ☒ Yes ☐ No
- i. Emergency Information (optional)  
(Special handling instructions, Phone No.) ☒ Yes ☐ No
- j. Is the following certification on each manifest form? ☒ Yes ☐ No

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and

DATE

9/15/93

FACILITY ID

FLD 984 167 791

are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

k. Signatures and dates

- (1) Generator
- (2) Transporter
- (3) Disposer (returned copy)

☒ Yes \_\_\_ No  
☒ Yes \_\_\_ No  
☒ Yes \_\_\_ No

- l. Indicate number of manifests inspected and number of violations.  
Note type of violation in report.

~

50

- m. If copy of manifest from facility was not returned within 35 days, did generator file an exception report? (262.42 - Exception reporting)

Did not occur.

\_\_\_ Yes \_\_\_ No

If yes, did it contain the following information?  
Legible copy of manifest

\_\_\_ Yes \_\_\_ No

AND

Cover letter explaining generators efforts to locate waste.

\_\_\_ Yes \_\_\_ No

- n. Does (will) generator retain copies for 3 years?

\_\_\_ Yes \_\_\_ No

Section D - Pre-Transport Requirements (262.30-262.34)

\_\_\_ N/A

1. Does generator package waste for transport?

☒ Yes \_\_\_ No

If no, skip to question 8.

If yes, complete the following questions.

2. Does generator package waste in accordance with 49 CFR 173, 178, and 179 (DOT requirements)? (262.30 - Packaging)

☒ Yes \_\_\_ No

3. Inspect containers to be shipped.

a. Are containers to be shipped in good condition?  
(Describe containers and condition; i.e, leaking or  
corroding or bulging.)

☒ Yes ☐ No

b. Is there evidence of heat generation from  
incompatible wastes in the containers?

☐ Yes ☒ No

4. Before shipping, does the generator use DOT labeling  
requirements in accordance with 49 CFR 172?  
(263.31 - Labeling)

☒ Yes ☐ No

5. Does the generator mark each package in accordance  
with 49 CFR 172? (262.32 - Marking)

☒ Yes ☐ No

6. Is each container of 110 gallons or less marked with the  
following label? (262.32 - Marking)

☒ Yes ☐ No

Label saying: HAZARDOUS WASTE - Federal Law Prohibits  
Improper Disposal. If found, contact the  
nearest police or public safety authority  
or the U.S. Environmental Protection Agency.

Generator's Name and Address \_\_\_\_\_

Manifest Document Number \_\_\_\_\_

7. If there are any vehicles present on site loading or unloading  
hazardous waste, inspect for presence of placards. Note this  
instance on narrative explanation sheet. (262.33 - Placarding)

NO

a. Does the generator have the appropriate placards to  
offer the initial transporter?

☒ Yes ☐ No

b. If no, who provides placards? \_\_\_\_\_

8. Accumulation Time (262.34 - Accumulation Time)

a. Is facility a permitted storage facility?  
If yes, skip to question #9.

☒ Yes ☐ No

If no, answer rest of question #8.

b. Does the facility comply with the 90-day  
accumulation time limit? (262.34(a))

☐ Yes ☐ No

If no, has the generator been granted a 30-day  
extension? (262.34(b))

☐ Yes ☐ No

If yes, explain the unforeseen/uncontrollable  
circumstances in the narrative.

DATE

9/15/93

FACILITY ID

FLD 984167791

- c. Are containers used to store wastes? (262.34(a)(1))

☒ Yes ☐ No

If yes, complete Container Storage Checklist for Generators.

Is the beginning date of accumulation time clearly indicated? (262.34(a)(2))

☒ Yes ☐ No

- d. Are tanks used to store wastes? (262.34(a)(1))

☒ Yes ☐ No

If yes, complete Tanks Checklist for Generators.

- e. While being accumulated, is each container or tank clearly marked "Hazardous Waste"? (262.34(a)(3))

☒ Yes ☐ No

NOTE: If generator accumulates waste on site but is not a storage facility, fill out Appendix A to Generators Checklist.

9. Describe storage area. Use photos and narrative.

Section E - Recordkeeping and Records (262.40-262.43)☐ N/A

Explain \_\_\_\_\_

1. Is generator keeping the following reports? (262.40 - Record keeping)
- 
- (Note: The following must be kept for a minimum of three years.)

- a. Biennial reports (262.41).

☒ Yes ☐ No

- b. Exception reports where applicable (262.42).

☒ Yes ☐ No

- c. Test results where applicable.

☒ Yes ☐ No

2. Where are records kept (at facility or elsewhere)?
- AT FACILITY

3. Who is in charge of keeping the records?

Name GLENN CROUSE Title \_\_\_\_\_

4. Any additional reporting? (262.43 - Additional Reporting)

☐ Yes ☒ NoSection F - Special Condition (262.50 - International Shipments)☐ Yes ☐ No

Explain \_\_\_\_\_

NONEN/A

DATE \_\_\_\_\_  
FACILITY ID \_\_\_\_\_

1. Has generator received from, or transported to, a foreign source, any hazardous waste? NO ☐ Yes ☐ No
- a. If yes, has he filed a notice with the Regional Administrator? ☐ Yes ☐ No
- b. Is this waste manifested and signed by Foreign consignee? ☐ Yes ☐ No
- c. If generator transported wastes out of the country, has he received confirmation of delivered shipment? ☐ Yes ☐ No

Appendix A

Section A - Personnel Training (265.16)

1. Do management personnel complete hazardous waste training? ☒ Yes ☐ No
- a. Is training on-the-job? ☒ Yes ☐ No
- b. Is training in the classroom? ☒ Yes ☐ No
2. Do laborers who handle hazardous waste complete training? ☒ Yes ☐ No
- a. Is training on-the-job? ☒ Yes ☐ No
- b. Is training in the classroom? ☒ Yes ☐ No
3. Does training include:
- a. Emergency response procedures? ☒ Yes ☐ No
- b. Inspection procedures? ☒ Yes ☐ No
- c. Operation of hazardous waste handling equipment? ☒ Yes ☐ No
4. How often is training reviewed? ANNUAL AND 6 MONTH CONTINGENCY TRAINING
5. Does the facility have personnel training records including:
- a. Job title and description of position? ☒ Yes ☐ No
- b. Description of employee's training? ☒ Yes ☐ No
6. Are records maintained for three years? ☒ Yes ☐ No



DATE

FACILITY ID

9/15/93  
FAD 984167791Section B - Preparedness and Prevention (265.30-265.37)

1. Is there evidence of fire, explosion or contamination of the environment? (265.31 - Maintenance and Operation of Facility) ☐ Yes ☒ No

If yes, use narrative explanation.

2. Is the facility equipped with (265.32 - Required equipment)

- a. Internal communications or alarm system? ☒ Yes ☐ No  
Is it easily accessible in case of emergency? ☒ Yes ☐ No

- b. Telephone or two-way radio to call emergency response personnel? ☒ Yes ☐ No

- c. Portable fire extinguishers, fire control equipment, spill control equipment and decontamination equipment? ☒ Yes ☐ No  
Is this equipment tested to assure its proper operation? ☒ Yes ☐ No

How frequently? YEARLY

- d. Water of adequate volume for hoses, sprinklers or water spray system? ☒ Yes ☐ No

(1) Describe source of water CITY OF BOYNTON

(2) Indicate flow rate and/or pressure and storage, if applicable. FIRE SUPPRESSION EQUIP.

3. Is there sufficient aisle space to allow unobstructed movement of personnel and equipment? (e.g., adequate aisle space in between containers to check for leakage, corrosion and proper labeling, etc.) (265.35 - Required Aisle Space) ☒ Yes ☐ No

4. Has the owner/operator made arrangements with the local authorities to familiarize them with characteristics of the facility? (Layout of facility, properties of hazardous waste handled and associated hazards, places where facility personnel would normally be working, entrances to roads inside facility, possible evacuation routes.) (265.37 - Arrangements with Local Authorities) ☐ N/A ☒ Yes ☐ No

If N/A, explain \_\_\_\_\_

5. In the case that more than one police or fire department might respond, is there a designated primary authority? (265.37 - Arrangements with Local Authorities) ☐ N/A ☒ Yes ☐ No

If yes, indicate primary authority CITY OF BOYNTON BRANCH

Is the fire department a city or volunteer fire department? CITY

6. Does the owner/operator have phone numbers of and agreements with state emergency response teams, emergency response contractors and equipment suppliers? (265.37 - Arrangements with Local Authorities) ☒ Yes ☐ No
- Are they readily available to the emergency coordinator? ☒ Yes ☐ No
7. Has the owner/operator arranged to familiarize local hospitals with the properties of hazardous waste handled and types of injuries that could result from fires, explosions, or releases at the facility? (265.37 - Arrangements with Local Authorities) ☒ Yes ☐ No
- If no, has the owner/operator attempted to do this? ☒ Yes ☐ No
8. If the State, or local authorities decline to enter into the above referenced agreements, has this been documented in the operating record? (265.37(b) - Arrangements with Local Authorities) ☒ Yes ☐ No

Section C - Contingency Plan and Emergency Procedures (265.50-265.56)

1. Does the facility have a contingency plan? (265.51 - Purpose and Implementation of Contingency Plan) ☒ Yes ☐ No
2. Is it maintained at the facility? (265.53 - Copies of Contingency Plan) ☒ Yes ☐ No
3. Is the contingency plan a revised SPCC Plan? (265.53 - Content of Contingency Plan) ☒ Yes ☐ No
- a. Does the plan include:
- (1) Action personnel will take? ☒ Yes ☐ No
  - (2) Evacuation routes? ☒ Yes ☐ No
  - (3) Emergency equipment? ☒ Yes ☐ No
  - (4) Is the emergency equipment properly inspected and maintained? ☒ Yes ☐ No
4. Is there an emergency coordinator on site or within short driving distance of the plant at all times? ☒ Yes ☐ No
5. Who is the emergency coordinator? GLENN CROUSE
6. Has the facility supplied local police and fire departments with a copy of the contingency plan? (265.53 - Copies of Contingency Plan) AKT. - RAY STRAUSS ☒ Yes ☐ No

Date 9/15/93  
Inspector GRAY SMITH  
Facility ID# \_\_\_\_\_

CONTAINERS STORAGE CHECKLIST FOR GENERATORS

(40 CFR Part 265, Subpart I - Use and Management of Containers)

1. Are the containers in good condition (265.171)? (Check for leaks, corrosion, bulges, etc.) ☒ Yes ☐ No
2. If a container is found to be leaking, does the operator transfer the hazardous waste from the leaking container? ☒ Yes ☐ No
3. Is the waste compatible with the containers and/or its liner (265.172)? ☒ Yes ☐ No  
*TRANSFER AND OVERPACK*
4. Are the containers kept closed except when adding or removing wastes (265.173(a))? ☒ Yes ☐ No
5. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak (265.173(b))? ☒ Yes ☒ No  
*REMARK*  
If yes, explain using narrative.
6. Are each of the containers inspected at least weekly (265.174)? ☒ Yes ☐ No  
*DAILY*  
If no, explain using narrative concerning the frequency of inspection.
7. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility property line (265.176)? ☐ N/A ☒ Yes ☐ No  
If no, explain using narrative and document with photograph.
8. Are incompatible wastes stored in the same containers? ☐ Yes ☒ No  
If yes, explain using narrative.
9. Are containers holding incompatible wastes kept apart by physical barrier or sufficient distance (265.177)? ☒ Yes ☐ No  
If no, explain using narrative.

Date 9/15/93  
Inspector \_\_\_\_\_  
Generator EPA ID# \_\_\_\_\_

TANKS SYSTEMS CHECKLIST FOR GENERATORS  
(40 CFR Part 265, Subpart J - Tank Systems)

NOTE: If multiple tanks exist, list each tank and specify compliance or noncompliance on the facility's site plan. Indicate on site diagram which tanks are not in compliance.

1. Are tanks presently used to accumulate waste? ☒ Yes ☐ No
2. Are there any exempt tank systems present (Closed-loop Recycling System - 261.4(a)(8))? ☐ Yes ☒ No
3. Assessment of the integrity of existing tank systems (265.191):
  - a. Number of existing tank systems without secondary containment (265.193) in operation, or for which installation commenced on or prior to July 14, 1986? N/A
  - b. Number of existing tank systems without secondary containment (265.193) in operation, or for which installation commenced on or prior to the date the contained waste became hazardous (after 7/14/86)? \_\_\_\_\_
  - c. Are assessments on file for each of these tank systems (a & b)? ☐ Yes ☐ No

If yes, do the following apply?

- (1) Assessment conducted by 1/12/88? ☐ Yes ☐ No
- (2) For wastes becoming hazardous after 7/14/86, was assessment on tank containing such waste conducted within 1 year after the date the waste became hazardous? ☐ Yes ☐ No
- (3) Certification(s) by independent, qualified, and registered P.E.(s)? ☐ Yes ☐ No
- (4) Integrity assessment(s) results?  
☐ not leaking?  
☐ unfit for use? (see item #8)

Comments:

DATE

9/15/93

FACILITY ID FLD

4. New tank systems or components (265.192):

a. Number of new tank systems or components installed or put into use after 7/14/86?

☒ 2

b. Are assessments on file for each of the new tank systems or components?

☒ Yes ☐ No

If yes, do the following apply:

(1) Assessment(s) certified by an independent, qualified, registered P.E.?

☒ Yes ☐ No

(2) Assessment(s) include the following information:

- Design standards (including secondary containment unless a variance-265.193(g) has been received?)

☒ Yes ☐ No

- Factor affecting corrosion potential of tanks or components in which the external shell or any external metal component is in contact with soil or water (determined by a corrosion expert)?

☒ Yes ☐ No

- The type and degree of external corrosion protection that is needed to ensure the integrity of the tank system(s) or components(s) described above (determined by a corrosion expert)?

☒ Yes ☐ No

- A determination of design or operational measures that will protect underground tank system components against potential damage from vehicular traffic?

☒ Yes ☐ No

- Design considerations to ensure that tank foundations will maintain the load of a full tank?

☒ Yes ☐ No

- Tank systems will be anchored to prevent flotation or dislodgement where it is placed in a saturated zone or is located within a seismic fault zone?

☒ Yes ☐ No

- Tank systems will withstand the effects of frost heave?

☒ Yes ☐ No

c. Are certification statements by a qualified installation inspector or qualified registered professional engineer on file to attest:

(1) to proper tank system or component installation, tank system tightness, and that necessary repairs were performed if needed?

☒ Yes ☐ No

- (2) That backfill, used for underground tank systems or components, was made up of noncorrosive, porous and homogeneous materials that were placed properly around the system or component to ensure proper support? \_\_\_Yes \_\_\_No
- (3) That ancillary equipment has been supported and and protected against physical damage and excessive stress due to settlement, vibration, expansion or contraction? \_\_\_Yes \_\_\_No
- (4) That the type and degree of corrosion protection necessary was provided, based on the certified design assessment of the system? \_\_\_Yes \_\_\_No
- (5) That an independent corrosion expert ensured the proper installation of a corrosion protection system if it was field-fabricated? \_\_\_Yes \_\_\_No
- d. Has secondary containment been provided as required in 265.193 (see Item #6)?
- (1) Has a variance (265.193(g)) been obtained from secondary containment? \_\_\_Yes \_\_\_No

Comments:

5. Containment and detection of releases (265.193).

NOTE: Tank systems storing hazardous waste that contain no free liquids and are located within buildings with impermeable floors are exempt from these requirements (265.190(a)).

- a. How old are the existing tank systems? 2 YEARS
- (1) If not known, what is the age of the facility? \_\_\_
- b. How many existing systems are being used to store or treat dioxin containing wastes: F020, F021, F022, F023, F026, and F027? N/A
- c. Are there any existing tank systems which are used to store or treat materials which became hazardous wastes after 1/12/87? NO Yes ☒ No
- (1) How many? \_\_\_

- d. Use the guidelines in 265.193(a)(1)-(5) to determine when secondary containment meeting the requirement of 265.193 is to be provided (use narrative explanation sheet if necessary).
- e. Have any variances (265.193(g)) from secondary containment been requested for existing tank systems? ☐ Yes ☐ No
- f. Are leak tests meeting the requirements of 265.191(b)(5) conducted annually for non-enterable underground tanks without secondary containment? ☐ Yes ☐ No
- g. Are leak tests as described above, or internal inspections or other tank integrity examinations done by an independent, qualified, registered P.E. annually for all other types of tanks systems and ancillary equipment? ☒ Yes ☐ No
- h. Are records of the results of leak tests or other tank integrity assessments kept on file? ☒ Yes ☐ No
- i. Were any tank systems or components found to be leaking or unfit for use as a result of leak tests or other assessments? ☒ NO

NOTE: If the answer is yes, refer to item #8 - Response to leaks or spills and disposition of leaking or unfit-for-use tank systems (265.196).

Comments:

6. Secondary containment systems (265.193(b)-(f)).

- a. Has secondary containment been provided for any tank system or component (see Items 4.d., 5.d, and 9.f)? ☒ Yes ☐ No
- b. If yes, has the containment system been:
- (1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during its use? ☒ Yes ☐ No
- (2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed? ☒ Yes ☐ No

c. To satisfy b., has the containment system been:

- (1) Constructed of or lined with materials that are compatible with the waste(s) to be contained? ☒ Yes ☐ No
- (2) Provided with sufficient strength and thickness to prevent failure due to pressure gradients, physical contact with waste it is exposed to, climatic conditions, the stress of installation, and the stress of daily operations including vehicular traffic? ☒ Yes ☐ No
- (3) Placed on a foundation or base capable of providing support to the system, resistance to pressure gradients above and below, and protection against failure due to settlement, compression or uplift? ☒ Yes ☐ No
- (4) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of waste or accumulated liquid into the secondary containment system within 24 hours or at the earliest practicable time based on existing leak detection technology and site conditions? ☒ Yes ☐ No
- (5) Sloped or otherwise designed or operated to drain or remove liquids resulting from leaks, spills, or precipitation? ☒ Yes ☐ No

d. Which device below is used to provide secondary containment for tanks? (Check those that apply.)

- ☒ (1) A liner (external to the tank)
- ☒ (2) A vault
- ☐ (3) A double-walled tank
- ☐ (4) An equivalent device approved by the Department.

e. If an external liner system is used, has it been:

- (1) Designed or operated to contain 100% of the capacity of the largest tank within its boundary? ☒ Yes ☐ No
- (2) Designed or operated to prevent run-on or infiltration of precipitation into the system? ☒ Yes ☐ No

NOTE: If the containment collection system has sufficient excess capacity - able to contain precipitation from a 25-year, 24-hour rainfall event - this feature is not necessary.



DATE

9/15/93

FACILITY ID

FD 984167797

- (3) Determined to be free of cracks and gaps? ☒ Yes ☐ No
- (4) Designed and installed to completely surround the tank and to cover all surrounding earth to prevent lateral and vertical migration of waste? ☒ Yes ☐ No
- f. If a vault system is used, has it been:
- (1) Designed or operated to contain 100% of the capacity of the largest tank within its boundary? ☒ Yes ☐ No
- (2) Designed or operated to prevent run-on or infiltration of precipitation into the system (see note above)? ☒ Yes ☐ No
- (3) Constructed with chemical-resistant water stops in place at all joints (if any)? ☒ Yes ☐ No
- (4) Provided with an impermeable interior coating or lining that is compatible with the accumulated waste to prevent migration into the concrete? ☒ Yes ☐ No
- (5) Provided with protection against the formation and ignition of vapors within the vault if the wastes being accumulated are ignitable or reactive? ☒ Yes ☐ No
- (6) Provided with an exterior moisture barrier or otherwise designed or operated to prevent migration of moisture into the vault (if it is subject to hydraulic pressure)? ☒ Yes ☐ No
- g. If double-walled tanks are used, are they: N/A
- (1) Designed as an integral structure so that the outer shell will contain releases from the inner tank? ☐ Yes ☐ No
- (2) Protected, if constructed of metal, from corrosion on the inner tank interior and outer shell exterior? ☐ Yes ☐ No
- (3) Provided with a built-in, continuous leak detection system capable of detecting a release within 24 hours or at the earliest practicable time based on existing technology and site conditions? ☐ Yes ☐ No

Comments:

7. General operating requirements (265.194).

- a. Is there any evidence of ruptures, leaks, corrosion, or failure in the tank system or ancillary equipment?        Yes ☒ No

NOTE: If the answer is yes, explain in the narrative report.

- b. Are appropriate controls and practices such as the following used to prevent spills and overflows from tanks or secondary containment systems:

(1) Spill prevention controls (e.g., check valves, dry discount couplings, etc.)?        Yes ☒ No

(2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank)?        Yes ☒ No

(3) Maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave, wind action, or precipitation?        Yes ☒ No

- c. Have any leaks or spills occurred in a tank system or its ancillary equipment?        Yes ☒ No

NOTE: If the answer is yes, explain what steps were taken in response to this situation in the narrative report (see item #8 - 265.196).

Comments:

8. Inspections (265.195).

- a. Does the owner/operator inspect the following, each operating day, where present:

(1) Overfill/spill control equipment (e.g. waste-feed cutoff systems, bypass systems, and drainage systems)?        Yes ☒ No

(2) Aboveground portions of the tank system to detect corrosion or releases of waste?        Yes ☒ No

(3) Data gathered from monitoring equipment and leak detection equipment (e.g. pressure and temperature guages, monitoring wells)?        Yes ☒ No

- (4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g. dikes) to detect erosion or signs of releases of hazardous waste (e.g. wet spots, dead vegetation)?

N/A  
\_\_\_Yes \_\_\_No

b. Are cathodic protection systems, if present, inspected according to the following schedule:

- (1) Six months to confirm the proper operation of the cathodic protection system after the initial installation, and annually thereafter?

\_\_\_Yes \_\_\_No

- (2) Every other month to inspect sources of impressed current?

\_\_\_Yes \_\_\_No

c. Are the inspection results documented in the operating record of the facility?

Comments:

9. Response to leaks or spills and disposition of leaking or unfit-for-use tank systems (265.196).

a. If a tank or secondary containment system has a leak or a spill has occurred, was the system immediately removed from service and the flow of hazardous waste into the system immediately stopped?

✓  
\_\_\_Yes \_\_\_No

- (1) If the release was from the tank system, was as much of the waste as necessary removed within 24 hours or at the earliest practicable time after its detection to allow inspection and repair to be performed?

✓  
\_\_\_Yes \_\_\_No

- (2) If the release was to the secondary containment system, were all released materials removed within 24 hours or in as timely a manner as possible to prevent harm to human health and the environment?

✓  
\_\_\_Yes \_\_\_No

b. If there was a visible release to the environment, was a visual inspection conducted by the owner/operator?

N/A  
\_\_\_Yes \_\_\_No

- (1) Was further migration of the leak or spill to soils or surface water prevented?

N/A  
\_\_\_Yes \_\_\_No

(2) Was the visible contamination removed and properly disposed of? ☐ Yes ☐ No

c. Was the release to the environment reported to the Department within 24 hours of detection? ☐ Yes ☐ No

NOTE: A leak or spill of less than or equal to a quantity of one pound of hazardous waste and that is immediately contained and cleaned up is exempted from this requirement.

d. Was a report to the Department, as specified in 265.196(d)(3), submitted within 30 days for nonexempt releases? ☐ Yes ☐ No

e. If a leak was the cause of a release, was the system repaired before being returned to service? ☐ Yes ☐ No

f. If the leak caused a release to the environment from a component of a tank system without secondary containment, was that component provided with secondary containment as specified in 265.193 before it was returned to service (see Item #6)? ☐ Yes ☐ No

NOTE: If the leaking component is aboveground and can be inspected visually, secondary containment does not need to be provided after repair.

\*\*\*: If a component was replaced in order to repair the system, the owner or operator must comply with the standards for new tank systems or components 265.192 and 265.193 (see item #4).

g. Was a major repair performed to return the tank system back to service? ☐ Yes ☐ No

(1) If yes, was a certification of this major repair done by an independent, qualified, registered P.E. before the system was returned to service? ☐ Yes ☐ No

(2) Was this certification submitted to the department within 7 days after returning the system to service? ☐ Yes ☐ No

Comments:

DATE

9/15/93

FACILITY ID

FLD 984/6779/

## 10. Closure and post-closure care (265.197).

- a. At closure of a tank system, did the owner/operator remove or decontaminate all waste residues, contaminated containment system components, contaminated soils, and structures and equipment contaminated with waste, and manage them as hazardous waste? N/A
- \_\_\_ Yes \_\_\_ No

Comments:

## 11. Special requirements for ignitable or reactive wastes (265.198).

- a. Are ignitable or reactive wastes placed in tanks? ✓
- \_\_\_ Yes \_\_\_ No

- (1) If yes, are they treated, rendered, or mixed before or immediately after placement in the tank system so that:

- The resulting waste, mixture, or dissolved material no longer meet the definition of ignitable or reactive waste and 265.17(b) is complied with?

\_\_\_ Yes \_\_\_ No

OR

- The waste is stored or treated in such a way that is protected from any material or conditions that may cause the waste to ignite or react?

✓ \_\_\_ Yes \_\_\_ No

NOTE: If yes, use narrative explanation sheet to describe separation and confinement procedures. If no, use narrative explanation sheet to describe sources of ignition or reaction.

- OR - The tank system is used solely for emergencies? \_\_\_ Yes \_\_\_ No

- b. Are protective distances maintained between the tank accumulation areas and any public ways, streets, alleys, or adjoining property lines that can be built upon as required in Tables 2-1 through 2-6 of the National Fire Protection Association's "Flammable and Combustible Liquids Code"?

✓ \_\_\_ Yes \_\_\_ No

Comments:

DATE \_\_\_\_\_

FACILITY ID \_\_\_\_\_

12. Special requirements for incompatible wastes (265.199). *N/A*

- a. Is there evidence that incompatible wastes were in the same tank?

\_\_\_\_Yes \_\_\_\_No

NOTE: If yes, use narrative explanation sheet to state the results (e.g. signs such as fire, toxic mists, heat generation, bulging containers, etc.) and whether 265.17(b) was complied with.

- b. If a waste is to be placed in a tank that previously held an incompatible waste or material, was that tank washed?

\_\_\_\_Yes \_\_\_\_No

NOTE: If yes, describe the washing procedure on the narrative explanation sheet. If no, was 265.17(b) complied with?

Comments:

Date 9/15/93  
Inspector \_\_\_\_\_  
Facility ID# FAD984767791

TRANSPORTERS CHECKLIST

I. SITE NAME: SAFETY-KLEEN / BOYNTON BEACH

II. TRANSPORTER REQUIREMENTS (40 CFR 263)

1. Do vehicles transporting hazardous waste have the appropriate placards? (263.10)(49 CFR 172.500) ☒ Yes ☐ No
2. Does transporter have an EPA identification number? (263.11(a)) ☒ Yes ☐ No
3. Does the transporter use manifest system as required by 263.20? ☒ Yes ☐ No

Do the manifests contain at least:

- a. Name, address, and EPA ID of transporter? ☒ Yes ☐ No
- b. Name, address, and EPA ID code of generator? ☒ Yes ☐ No
- c. Name, address, identification code of designated permitted facility? ☒ Yes ☐ No
- d. Corresponding manifest document number? ☒ Yes ☐ No
- e. Description and quantity of each hazardous waste? ☒ Yes ☐ No
- f. Signature of subsequent transporters? ☒ Yes ☐ No
- g. Signatures signifying proper delivery or reasons why delivery could not be certified? ☒ Yes ☐ No
- h. EPA waste codes? ☒ Yes ☐ No

4. International shipments: (263.20(g)) N/A \_\_\_\_\_ N/A
- a. Record of date waste left U.S.? \_\_\_\_\_ Yes \_\_\_\_\_ No
- b. Presence of one signed copy in records? \_\_\_\_\_ Yes \_\_\_\_\_ No
- c. Signed copy of manifest returned to the generator? \_\_\_\_\_ Yes \_\_\_\_\_ No
- d. Copy of the manifest given to a U.S. Customs official at the point of departure from the United States? \_\_\_\_\_ Yes \_\_\_\_\_ No
5. For SQG waste:
- a. Is waste transported according to reclamation agreement? ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No
- b. Is following information recorded on a shipping paper:
- |  |                      |
|--|----------------------|
| Name, address, and EPA ID of waste generator | ✓ _____ Yes _____ No |
| Quantity of waste accepted                   | ✓ _____ Yes _____ No |
| DOT - required shipping info                 | ✓ _____ Yes _____ No |
| Date waste is accepted                       | ✓ _____ Yes _____ No |
- c. Does transporter carry this shipping paper during transport? ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No
- d. Are records maintained for three years after termination or expiration of reclamation agreement? ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No
6. Are copies of the manifest retained for 3 years? (263.22) ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No
7. Is there evidence of discharge of hazardous waste? (263.30) \_\_\_\_\_ Yes ✓ \_\_\_\_\_ No
8. Has transporter demonstrated the financial responsibility required under 17-30.170(2) ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No
9. Does the transporter verify financial responsibility with the Department annually (17-730.170(3))? ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No

III. TRANSFER FACILITY REQUIREMENTS (17-730.171)

- A. Does transporter comply with 10 day storage limit for transfer facilities? (263.12) ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No
1. Is the hazardous waste packaged according to 262.30? (263.12) ✓ \_\_\_\_\_ Yes \_\_\_\_\_ No



DATE

9/15/93

FACILITY ID

## B. General Facility Standards (265 Subpart B)

1. Security (265.14)

a. Is the facility security system adequate to minimize unauthorized entry?

☒ Yes ☐ No

b. Are signs posted and legible for 25 feet?

☒ Yes ☐ No2. Inspection Requirement (265.15)

a. Does the facility have a copy of the Inspection Plan?

☒ Yes ☐ No

b. Does the facility have completed inspection logs?

☒ Yes ☐ No

c. Were the deficiencies corrected in a timely manner?

☒ Yes ☐ No

d. Are the inspection logs maintained at the facility for 3 years?

☒ Yes ☐ No3. Personnel Training (265.16)

a. Do management personnel complete hazardous waste training?

☒ Yes ☐ No

- Is training on the job?

☒ Yes ☐ No

- Is training in the classroom?

☒ Yes ☐ No

b. Do laborers who handle hazardous waste complete training?

☒ Yes ☐ No

- Is training on the job?

☒ Yes ☐ No

- Is training in the classroom?

☒ Yes ☐ No

c. Does training include:

- Emergency response procedures?

☒ Yes ☐ No

- Inspection procedures?

☒ Yes ☐ No

- Operation of hazardous waste handling equipment?

☒ Yes ☐ No☒ Yes ☐ Nod. How often is training reviewed? ANNUALLY AND 6 MONTH REVIEW

e. Does the facility have personnel training records including:

- Job title and description of position?

☒ Yes ☐ No

- Description of employee's training.

☒ Yes ☐ No

f. Is training successfully completed within 6 months of hiring/transfer to HW position? ☒ Yes ☐ No

g. Are records maintained for three years at the facility? ☒ Yes ☐ No

4. Ignitable, Reactive, or Incompatible Waste (265.17)

a. Is the waste separated and confined from sources of ignition or reaction, sparks, spontaneous ignition, and radiant heat? ☒ Yes ☐ No

b. Are "No Smoking" signs posted in the area? ☒ Yes ☐ No

C. Preparedness and Prevention (265 Subpart C)

1. Is there evidence of fire, explosion or contamination of the environment? (265.31 - Maintenance and Operation of Facility) ☐ Yes ☒ No

If yes, use narrative explanation.

2. Is the facility equipped with (265.32 - required equipment):

a. Internal communications or alarm system? ☒ Yes ☐ No  
Is it easily accessible in case of emergency? ☒ Yes ☐ No

b. Telephone or two-way radio to call emergency response personnel? ☒ Yes ☐ No

c. Portable fire extinguishers, fire control equipment, spill control equipment and decontamination equipment? ☒ Yes ☐ No

Is this equipment tested to assure its proper operation? ☒ Yes ☐ No

How frequently? ANNUALLY

d. Water of adequate volume for hoses, sprinklers or water spray system? ☐ Yes ☐ No

(1) Describe source of water. CITY OF BOYNTON

(2) Indicate flow rate and/or pressure and storage capacity, if applicable. SUPPRESSION SYSTEM

DATE

FACILITY ID

9/15/93

3. Is there sufficient aisle space to allow unobstructed movement of personnel and equipment? (e.g., adequate aisle space in between barrels to check for leakage, corrosion and proper labeling, etc.) (265.35 - Required Aisle Space) ☒ Yes ☐ No

4. Has the owner/operator made arrangements with the local authorities to familiarize them with characteristics of the facility? (Layout of facility, properties of hazardous waste handled and associated hazards, places where facility personnel would normally be working, entrances to roads inside facility, possible evacuation routes.) (265.37 - Arrangements with Local Authorities) ☐ N/A ☒ Yes ☐ No

If N/A, explain \_\_\_\_\_

5. In the case that more than one police or fire department might respond, is there a designated primary authority? (265.37 - Arrangements with Local Authorities) ☐ N/A ☐ Yes ☐ No

If yes, indicate primary authority. CITY OF BAYTON BEACH

Is the fire department a city or volunteer fire department? \_\_\_\_\_

6. Does the owner/operator have phone number of and agreements with state emergency response teams, emergency response contractors and equipment suppliers? (265.37 - Arrangements with Local Authorities) ☒ Yes ☐ No

Are they readily available to the emergency coordinator? ☒ Yes ☐ No

7. Has the owner/operator arranged to familiarize local hospitals with the properties of hazardous waste handled and types of injuries that could result from fires, explosions, or releases at the facility? (265.37 - Arrangements with Local Authorities) ☒ Yes ☐ No

If no, has the owner/operator attempted to do this?

8. If the State, or local authorities decline to enter into the above referenced agreements, has this been documented in the operation record? (265.37 - Arrangements with Local Authorities) ☒ Yes ☐ No

DATE 7/15/93

FACILITY ID \_\_\_\_\_

## C. Contingency Plan and Emergency Procedures (265 Subpart D)

1. Does the facility have a contingency plan?  
(265.51 - Purpose and Implementation of Contingency Plan) ☒ Yes ☐ No
2. Is it maintained at the facility?  
(265.53 - Copies of Contingency Plan) ☒ Yes ☐ No
3. Is the contingency plan a revised SPCC Plan  
(265.52 - Content of Contingency Plan) ☒ Yes ☐ No
  - a. Does the plan include:
    - (1) Action personnel will take? ☒ Yes ☐ No
    - (2) Evacuation routes? ☒ Yes ☐ No
    - (3) Emergency Equipment? ☒ Yes ☐ No
    - (4) Is the emergency equipment properly inspected and maintained? ☒ Yes ☐ No
4. Is there an emergency coordinator on site or within short driving distance of the plant at all times? (265.55 - Emergency Coordinator) ☒ Yes ☐ No
5. Who is the emergency coordinator? GLENN CROUSE  
AT - RAY STRAUSS
6. Has the facility supplied local police and fire departments with a copy of the contingency plan?  
(265.53(b) - Content of Contingency Plan) ☒ Yes ☐ No

## D. Container Storage Checklist

(Subpart I - Use and Management of Containers 265.170)

1. Are the containers in good condition (265.171)?  
(check for leaks, corrosion, bulges, etc.) ☒ Yes ☐ No
  2. If a container is found to be leaking, does the operator transfer the hazardous waste from the leaking container? ☒ Yes ☐ No
  3. Is the waste compatible with the containers and/or its liner? (265.172) ☒ Yes ☐ No
- TRANSFER + OVERPACK

DATE

FACILITY ID

9/15/93

FD 984 167 79

4. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak? (265.173)

☐ Yes ☒ No

If yes, explain using narrative.

5. Are each of the containers inspected at least weekly (265.174)?

☒ Yes ☐ No DAILY

If no, explain using narrative concerning the frequency of inspection.

6. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility property line? (265.176)

☒ Yes ☐ No

If yes, explain using narrative.

7. Are incompatible wastes stored in the same containers?

☐ Yes ☒ No

If yes, explain using narrative.

8. Are containers holding incompatible wastes kept apart by physical barrier or sufficient distance?

☒ Yes ☐ No

If no, explain using narrative.

- E. Does facility have a written closure plan satisfying requirements of closure performance, notification, and decontamination standards of 40 CFR 265.111, 265.112(c), 265.114, 265.115? (17-30.171(2)(b))

☒ Yes ☐ No

- F. Is hazardous waste that is stored in containers or vehicles stored on a man made surface which is capable of preventing spills or releases to the ground? (17-730.171(2)(d))

☒ Yes ☐ No

- G. Is a written log maintained for all waste entering or leaving the transfer facility? (17-730.171(2)(e))

☒ Yes ☐ No

Does the log contain:

Generators' names?

☒ Yes ☐ No

Manifest numbers?

☒ Yes ☐ No

Dates when waste enters and leaves facility?

☒ Yes ☐ No

DATE

9/15/93

FACILITY ID

F20

- H. Has the facility notified the department on Form 17-730.900(6) (Transfer facility notification form)? (17-730.171(3))

☒ Yes ☐ No

- I. Does the transfer facility have an EPA/DER ID number?

☐ Yes ☐ No

IV. UNREGULATED WASTES (HOUSEHOLD/CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR WASTES)

☐ N/A

1. Does the transporter have documentation that this waste was generated by an unregulated source?

☐ Yes ☐ No

2. If no, is the transporter assuming responsibility as the generator of this waste?

☐ Yes ☐ No

- a. If yes, complete the applicable Generator or Small Quantity Generator checklist.

- b. If no, the inspector should inform the transporter that he will be held responsible as the generator of the waste and will be reinspected to ensure that the applicable requirements are being satisfied. A follow-up inspection should be scheduled as follows:

- i) 90 days after initial inspection if the quantity of "unregulated" wastes on site exceed 1000 kg.

- ii) 180 days after initial inspection if the quantity of "unregulated" wastes on site are less than 1000 kg.

3. Does the transporter mix/consolidate hazardous wastes of different DOT shipping descriptions 263.10(c)(2)?

☐ Yes ☐ No

If yes, complete the Generator checklist.

V. LAND BAN WASTE

1. Does the transporter manage restricted (land ban) wastes?

If yes, check appropriate box(es).

☒ Yes ☐ No

"California List" \_\_\_\_\_  
F--- List \_\_\_\_\_

Date 9/15/93  
Inspector \_\_\_\_\_  
Facility ID# \_\_\_\_\_

RCRA COMPLIANCE INSPECTION REPORT  
TSD FACILITIES CHECKLIST

General Facility Standards

1. Site Name SAFETY-KLEEN / BOYNTON BEACH FACILITY
2. Has facility received hazardous waste from a foreign source? (264.12 - required notices) ☐ Yes ☐ No
- If yes, has he filed a notice with the Regional Administrator and DER? ☐ Yes ☐ No N/A
3. Does the facility have a copy of the permit along with the approved application? ☐ Yes ☐ No

Waste Analysis (264.13) 264\_\_\_\_ Permit Condition\_\_\_\_

1. Is a copy of the waste analysis plan maintained at the facility? ☒ Yes ☐ No
2. Does the facility have copies of completed waste analysis reports? ☒ Yes ☐ No
3. Has the waste analysis been reviewed or repeated as required? ☒ Yes ☐ No
4. (For off-site facilities) waste analysis that generators have agreed to supply? ☒ Yes ☐ No
5. Check waste analysis equipment to see if it is on-site and in working condition? N/A ☐ Yes ☐ No

Security (264.14) 264\_\_\_\_ Permit Condition\_\_\_\_

1. Is the facility security system adequate to minimize unauthorized entry? ☒ Yes ☐ No
2. Are signs posted and legible for 25 feet? ☒ Yes ☐ No

Inspection Requirement (264.15) 264\_\_\_\_ Permit Condition\_\_\_\_

1. Does the facility have a copy of the Inspection Plan? ☒ Yes ☐ No

DATE

7/15/93

FACILITY ID

2. Does the facility have completed inspection logs? ☒ Yes ☐ No
3. Were the deficiencies corrected in a timely manner? ☒ Yes ☐ No
4. Are the inspection logs maintained at the facility for 3 years? ☒ Yes ☐ No
5. Is the facility equipped to prevent fire, explosion or contamination of the environment and is the equipment in working condition? ☒ Yes ☐ No

Personnel Training (264.16) 264\_\_ Permit Condition\_\_

1. Does facility have copy of training plan? ☒ Yes ☐ No
2. Does facility have personnel training records? ☒ Yes ☐ No
3. Has management completed training? ☒ Yes ☐ No
4. Have laborers completed training? ☒ Yes ☐ No
5. Is training successfully completed within 6 months of hiring/transfer to HW position? ☒ Yes ☐ No
6. Has the training been conducted as stated in the Training Plan? ☒ Yes ☐ No
7. Do the facility personnel training records include:
- a. Job title and description of position? ☒ Yes ☐ No
- b. Description of employee's training? ☒ Yes ☐ No
8. Are records maintained for 3 years? ☒ Yes ☐ No

Ignitable, Reactive, or Incompatible Waste (264.17) 264\_\_ Permit Condition\_\_

1. Is the waste separated and confined from sources of ignition or reaction, sparks, spontaneous ignition, and radiant heat? ☒ Yes ☐ No
2. Are "No Smoking" signs posted in the area? ☒ Yes ☐ No



DATE

FACILITY ID

9/15/93  
FAD 984 167 791Preparedness and Prevention (264.30-.37) 264\_\_ Permit Condition\_\_

1. Is there evidence of fire, explosion or contamination of the environment? ☐ Yes ☒ No
2. Is the facility equipment located in accordance with the approved plan and is it functional? ☒ Yes ☐ No

Contingency Plan and Emergency Procedures (264.50-56) 264\_\_ Permit Condition\_\_

1. Does the facility have a copy of the Contingency Plan? ☒ Yes ☐ No
2. Has the plan been amended and have the amendments been approved? ☒ Yes ☐ No
3. Were the plan revisions submitted to all authorities? ☒ Yes ☐ No
4. Is the emergency coordinator on-site or within short driving distance of plant at all times? ☒ Yes ☐ No
5. Verify equipment location. Is it in working condition? ☒ Yes ☐ No

Manifest System, Recordkeeping and Report (264.70-77) 264\_\_ Permit Condition\_\_

1. Does the facility have copies of the Manifest? ☒ Yes ☐ No
  - a. Are the manifests signed and dated and returned to the generator? ☒ Yes ☐ No
  - b. Is a signed copy given to the transporter? ☒ Yes ☐ No
  - c. Are there any manifests that have not been completely filled out? ☐ Yes ☒ No
2. Are copies of the manifest retained for three years? ☒ Yes ☐ No
3. Has the facility received any shipments of hazardous waste which were inconsistent with the manifest? ☒ Yes ☒ No

DATE \_\_\_\_\_  
FACILITY ID \_\_\_\_\_

a. If yes, has he attempted to reconcile the discrepancy with the generator and transporter?

☒ Yes ☒ No

b. If no, has DER been notified?

\_\_\_\_ Yes \_\_\_\_ No

4. Does the facility have operating records that show a description and quantity of each hazardous waste and the date and method of T,S,D at the facility?

\_\_\_\_ Yes \_\_\_\_ No

5. Does location and quantity of hazardous waste agree with operating record?

☒ Yes \_\_\_\_ No

Groundwater Monitoring (264.90-.100) 264\_\_\_\_ Permit Condition\_\_\_\_

1. Does the facility have a copy of the Groundwater Plan?

\_\_\_\_ Yes \_\_\_\_ No

2. Does the facility have copies of the groundwater analysis?

\_\_\_\_ Yes \_\_\_\_ No

3. Has the analysis been conducted as specified?

\_\_\_\_ Yes \_\_\_\_ No

4. Has there been a statistically significant increase of the value for the parameter from background?

\_\_\_\_ Yes \_\_\_\_ No

5. Did the facility notify the Department of the parameter that showed a statistically significant increase within 7 days?

\_\_\_\_ Yes \_\_\_\_ No

6. Verify location of wells?

\_\_\_\_ Yes \_\_\_\_ No

7. Verify condition of wells and check for caps and locks?

\_\_\_\_ Yes \_\_\_\_ No

Closure and Post-Closure (264.110-.120) 264\_\_\_\_ Permit Condition\_\_\_\_

1. Is a copy of the approved plan and all revisions kept at the facility?

☒ Yes \_\_\_\_ No

2. Does the maximum inventory of wastes at the facility exceed that specified in the Closure Plan?

☒ Yes \_\_\_\_ No

3. Does the facility have an approved post-closure plan (for land disposal facilities)?

☒ Yes \_\_\_\_ No

DATE

FACILITY ID

9/15/93

4. Has the plan been amended and approved by the Department and distributed to the appropriate agencies?

☒ Yes ☐ No

Financial (264.140-.151) 264\_\_ Permit Condition\_\_

1. Does the facility have a written estimate, in current dollars, of the cost of closing the facility?

☒ Yes ☐ No

2. Has the financial assurance been updated for the last year?

☒ Yes ☐ No

3. Is the facility in compliance with the financial assurance regulation with respect to:

Closure cost?

☒ Yes ☐ No

Post-closure cost?

☐ N/A ☒ Yes ☐ No

Sudden liability?

☒ Yes ☐ No

Non-sudden liability?

☐ N/A ☒ Yes ☐ No

Date 9/15/93  
Inspector \_\_\_\_\_  
Facility ID# FLD

TSD CONTAINERS CHECKLIST (264.170-264.178)

264\_\_\_\_ Permit Condition\_\_\_\_

1. Are the containers in good condition (264.171)? ☒ Yes ☐ No
2. Are the containers managed in accordance with the permit (264.171)? ☒ Yes ☐ No
3. Is the number of containers equal to or below the max inventory for the permit? ☒ Yes ☐ No ( )
4. Are the containers in the designated bays by waste type? ☒ Yes ☐ No
5. Is the waste stored in the specified container? ☒ Yes ☐ No
6. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak (264.173(b))? ☐ Yes ☒ No

Explain.

7. Are each of the containers inspected at least weekly (264.174)? ☒ Yes ☐ No DAILY
8. Is the secondary containment system functional and are free liquids removed and managed in accordance with the permit? ☒ Yes ☐ No
9. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility property line? ☒ Yes ☐ No
10. Is there sufficient aisle space to allow unobstructed movement and inspection? ☒ Yes ☐ No

11. Specific Condition on Permit:

_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date 9/15/93  
Inspector GRAY SMITH  
Generator EPA ID# FAD 984167791

TSD TANKS CHECKLIST  
(40 CFR Part 264, Subpart J - Tank Systems)

NOTE: If multiple tanks exist, list each tank and specify compliance or noncompliance on the facility's site plan. Indicate on site diagram which tanks are not in compliance.

1. Are tanks presently used to accumulate waste? ☒ Yes ☐ No
2. Are there any exempt tank systems present (Closed-loop Recycling System - 261.4(a)(8))? ☐ Yes ☒ No
3. Assessment of the integrity of existing tank systems (264.191):
  - a. Number of existing tank systems without secondary containment (264.193) in operation, or for which installation commenced on or prior to July 14, 1986? N/A
  - b. Number of existing tank systems without secondary containment (264.193) in operation, or for which installation commenced on or prior to the date the contained waste became hazardous (after 7/14/86)?
  - c. Are assessments on file for each of these tank systems (a & b)? ☐ Yes ☐ No

If yes, do the following apply?

- (1) Assessment conducted by 1/12/88? ☐ Yes ☐ No
- (2) For wastes becoming hazardous after 7/14/86, was assessment on tank containing such waste conducted within 1 year after the date the waste became hazardous? ☐ Yes ☐ No
- (3) Certification(s) by independent, qualified, and registered P.E.(s)? ☐ Yes ☐ No
- (4) Integrity assessment(s) results?  
☐ not leaking?  
☐ unfit for use? (see item #8)

Comments:

4. New tank systems or components (264.192):

- a. Number of new tank systems or components installed or put into use after 7/14/86? 2
- b. Are assessments on file for each of the new tank systems or components? ☒ Yes ☐ No

If yes, do the following apply:

- (1) Assessment(s) certified by an independent, qualified, registered P.E.? ☒ Yes ☐ No
- (2) Assessment(s) include the following information:
- Design standards (including secondary containment unless a variance-264.193(g) has been received)? ☒ Yes ☐ No
  - Factor affecting corrosion potential of tanks or components in which the external shell or any external metal component is in contact with soil or water (determined by a corrosion expert)? ☒ Yes ☐ No
  - The type and degree of external corrosion protection that is needed to ensure the integrity of the tank system(s) or components(s) described above (determined by a corrosion expert)? ☒ Yes ☐ No
  - A determination of design or operational measures that will protect underground tank system components against potential damage from vehicular traffic? ☒ Yes ☐ No
  - Design considerations to ensure that tank foundations will maintain the load of a full tank? ☒ Yes ☐ No
  - Tank systems will be anchored to prevent flotation or dislodgement where it is placed in a saturated zone or is located within a seismic fault zone? ☒ Yes ☐ No
  - Tank systems will withstand the effects of frost heave? ☒ Yes ☐ No
- c. Are certification statements by a qualified installation inspector or qualified registered professional engineer on file to attest:
- (1) to proper tank system or component installation, tank system tightness, and that necessary repairs were performed if needed? ☒ Yes ☐ No

DATE

FACILITY ID

9/15/93  
F20 984 167791

- (2) That backfill, used for underground tank systems or components, was made up of noncorrosive, porous and homogeneous materials that were placed properly around the system or component to ensure proper support? \_\_\_Yes \_\_\_No
- (3) That ancillary equipment has been supported and and protected against physical damage and excessive stress due to settlement, vibration, expansion or contraction? \_\_\_Yes \_\_\_No
- (4) That the type and degree of corrosion protection necessary was provided, based on the certified design assessment of the system? \_\_\_Yes \_\_\_No
- (5) That an independent corrosion expert ensured the proper installation of a corrosion protection system if it was field-fabricated? \_\_\_Yes \_\_\_No
- d. Has secondary containment been provided as required in 264.193 (see Item #6)?
- (1) Has a variance (264.193(g)) been obtained from secondary containment? N/A  
\_\_\_Yes \_\_\_No

Comments:

## 5. Containment and detection of releases (264.193).

NOTE: Tank systems storing hazardous waste that contain no free liquids and are located within buildings with impermeable floors are exempt from these requirements (264.190(a)).

90  
EXEMPT

- a. How old are the existing tank systems? 2
- (1) If not known, what is the age of the facility? \_\_\_
- b. How many existing systems are being used to store or treat dioxin containing wastes: F020, F021, F022, F023, F026, and F027? N/A
- c. Are there any existing tank systems which are used to store or treat materials which became hazardous wastes after 1/12/87? \_\_\_Yes ☒ No
- (1) How many? \_\_\_

- d. Use the guidelines in 264.193(a)(1)-(5) to determine when secondary containment meeting the requirement of 264.193 is to be provided (use narrative explanation sheet if necessary).
- e. Have any variances (264.193(g)) from secondary containment been requested for existing tank systems? ☐ Yes ☒ No
- f. Are leak tests meeting the requirements of 264.191(b)(5) conducted annually for non-enterable underground tanks without secondary containment? *N/A* ☐ Yes ☐ No
- g. Are leak tests as described above, or internal inspections or other tank integrity examinations done by an independent, qualified, registered P.E. annually for all other types of tanks systems and ancillary equipment? *N/A* ☐ Yes ☐ No
- h. Are records of the results of leak tests or other tank integrity assessments kept on file? ☒ Yes ☐ No
- i. Were any tank systems or components found to be leaking or unfit for use as a result of leak tests or other assessments?

NOTE: If the answer is yes, refer to item #8 - Response to leaks or spills and disposition of leaking or unfit-for-use tank systems (264.196).

Comments:

6. Secondary containment systems (264.193(b)-(f)).

- a. Has secondary containment been provided for any tank system or component (see Items 4.d., 5.d, and 9.f)? ☒ Yes ☐ No
- b. If yes, has the containment system been:
- (1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during its use? ☒ Yes ☐ No
- (2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed? ☒ Yes ☐ No



DATE

9/15/93

FACILITY ID

FAD 984 167 791

c. To satisfy b., has the containment system been:

- (1) Constructed of or lined with materials that are compatible with the waste(s) to be contained? ☒ Yes ☐ No
- (2) Provided with sufficient strength and thickness to prevent failure due to pressure gradients, physical contact with waste it is exposed to, climatic conditions, the stress of installation, and the stress of daily operations including vehicular traffic? ☒ Yes ☐ No
- (3) Placed on a foundation or base capable of providing support to the system, resistance to pressure gradients above and below, and protection against failure due to settlement, compression or uplift? ☒ Yes ☐ No
- (4) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of waste or accumulated liquid into the secondary containment system within 24 hours or at the earliest practicable time based on existing leak detection technology and site conditions? ☒ Yes ☐ No
- (5) Sloped or otherwise designed or operated to drain or remove liquids resulting from leaks, spills, or precipitation? ☐ Yes ☐ No

d. Which device below is used to provide secondary containment for tanks? (Check those that apply.)

- ☐ (1) A liner (external to the tank)
- ☒ (2) A vault
- ☒ (3) A double-walled tank
- ☒ (4) An equivalent device approved by the Department.

e. If an external liner system is used, has it been: N/A

- (1) Designed or operated to contain 100% of the capacity of the largest tank within its boundary? ☐ Yes ☐ No
- (2) Designed or operated to prevent run-on or infiltration of precipitation into the system? ☐ Yes ☐ No

NOTE: If the containment collection system has sufficient excess capacity - able to contain precipitation from a 25-year, 24-hour rainfall event - this feature is not necessary.

- (3) Determined to be free of cracks and gaps? ☐ Yes ☐ No
- (4) Designed and installed to completely surround the tank and to cover all surrounding earth to prevent lateral and vertical migration of waste? ☐ Yes ☐ No
- f. If a vault system is used, has it been:
- (1) Designed or operated to contain 100% of the capacity of the largest tank within its boundary? ☒ Yes ☐ No
- (2) Designed or operated to prevent run-on or infiltration of precipitation into the system (see note above)? ☒ Yes ☐ No
- (3) Constructed with chemical-resistant water stops in place at all joints (if any)? ☒ Yes ☐ No
- (4) Provided with an impermeable interior coating or lining that is compatible with the accumulated waste to prevent migration into the concrete? ☒ Yes ☐ No
- (5) Provided with protection against the formation and ignition of vapors within the vault if the wastes being accumulated are ignitable or reactive? ☒ Yes ☐ No
- (6) Provided with an exterior moisture barrier or otherwise designed or operated to prevent migration of moisture into the vault (if it is subject to hydraulic pressure)? ☒ Yes ☐ No
- g. If double-walled tanks are used, are they: *N/A*
- (1) Designed as an integral structure so that the outer shell will contain releases from the inner tank? ☐ Yes ☐ No
- (2) Protected, if constructed of metal, from corrosion on the inner tank interior and outer shell exterior? ☐ Yes ☐ No
- (3) Provided with a built-in, continuous leak detection system capable of detecting a release within 24 hours or at the earliest practicable time based on existing technology and site conditions? ☐ Yes ☐ No

Comments:

7. General operating requirements (264.194).

- a. Is there any evidence of ruptures, leaks, corrosion, or failure in the tank system or ancillary equipment? ☐ Yes ☐ No

NOTE: If the answer is yes, explain in the narrative report.

- b. Are appropriate controls and practices such as the following used to prevent spills and overflows from tanks or secondary containment systems:

(1) Spill prevention controls (e.g, check valves, dry discount couplings, etc.)? ☐ Yes ☐ No

(2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank)? ☐ Yes ☐ No

(3) Maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave, wind action, or precipitation? ☐ Yes ☐ No

- c. Have any leaks or spills occurred in a tank system or its ancillary equipment? ☐ Yes ☐ No

NOTE: If the answer is yes, explain what steps were taken in response to this situation in the narrative report (see item #8 - 264.196).

Comments:

8. Inspections (264.195).

- a. Does the owner/operator follow a schedule and procedure for inspecting overfill controls? ☒ Yes ☐ No

- b. Does the owner/operator inspect the following, each operating day, where present:

(1) Aboveground portions of the tank system to detect corrosion or releases of waste? ☒ Yes ☐ No

(2) Data gathered from monitoring equipment and leak detection equipment (e.g. pressure and temperature guages, monitoring wells)? ☒ Yes ☐ No

- (3) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g. dikes) to detect erosion or signs of releases of hazardous waste (e.g. wet spots, dead vegetation)?

☒ Yes ☐ No

- b. Are cathodic protection systems, if present, inspected according to the following schedule:

N/A

- (1) Six months to confirm the proper operation of the cathodic protection system after the initial installation, and annually thereafter?

☐ Yes ☐ No

- (2) Every other month to inspect sources of impressed current?

☐ Yes ☐ No

- c. Are the inspection results documented in the operating record of the facility?

Comments:

9. Response to leaks or spills and disposition of leaking or unfit-for-use tank systems (264.196).

- a. If a tank or secondary containment system has a leak or a spill has occurred, was the system immediately removed from service and the flow of hazardous waste into the system immediately stopped?

SPILL HAS NOT OCCURRED

☒ Yes ☐ No

- (1) If the release was from the tank system, was as much of the waste as necessary removed within 24 hours or at the earliest practicable time after its detection to allow inspection and repair to be performed?

☐ Yes ☐ No

- (2) If the release was to the secondary containment system, were all released materials removed within 24 hours or in as timely a manner as possible to prevent harm to human health and the environment?

☐ Yes ☐ No

- b. If there was a visible release to the environment, was a visual inspection conducted by the owner/operator?

☐ Yes ☐ No

- (1) Was further migration of the leak or spill to soils or surface water prevented?

☐ Yes ☐ No

(2) Was the visible contamination removed and properly disposed of? ☐ Yes ☐ No

c. Was the release to the environment reported to the Department within 24 hours of detection? ☐ Yes ☐ No

NOTE: A leak or spill of less than or equal to a quantity of one pound of hazardous waste and that is immediately contained and cleaned up is exempted from this requirement.

d. Was a report to the Department, as specified in 264.196(d)(3), submitted within 30 days for nonexempt releases? ☐ Yes ☐ No

e. If a leak was the cause of a release, was the system repaired before being returned to service? ☐ Yes ☐ No

f. If the leak caused a release to the environment from a component of a tank system without secondary containment, was that component provided with secondary containment as specified in 264.193 before it was returned to service (see Item #6)? ☐ Yes ☐ No

NOTE: If the leaking component is aboveground and can be inspected visually, secondary containment does not need to be provided after repair.

\*\*\*: If a component was replaced in order to repair the system, the owner or operator must comply with the standards for new tank systems or components 264.192 and 264.193 (see item #4).

g. Was a major repair performed to return the tank system back to service? ☐ Yes ☐ No

(1) If yes, was a certification of this major repair done by an independent, qualified, registered P.E. before the system was returned to service? ☐ Yes ☐ No

(2) Was this certification submitted to the department within 7 days after returning the system to service? ☐ Yes ☐ No

Comments:

10. Closure and post-closure care (264.197).

- a. At closure of a tank system, did the owner/operator remove or decontaminate all waste residues, contaminated containment system components, contaminated soils, and structures and equipment contaminated with waste, and manage them as hazardous waste? N/A  
\_\_\_\_ Yes \_\_\_\_ No

Comments:

11. Special requirements for ignitable or reactive wastes (264.198).

- a. Are ignitable or reactive wastes placed in tanks? ✓ Yes \_\_\_\_ No

(1) If yes, are they treated, rendered, or mixed before or immediately after placement in the tank system so that:

- The resulting waste, mixture, or dissolved material no longer meet the definition of ignitable or reactive waste and 264.17(b) is complied with? \_\_\_\_ Yes ✓ No

OR

- The waste is stored or treated in such a way that is protected from any material or conditions that may cause the waste to ignite or react? ✓ Yes \_\_\_\_ No

NOTE: If yes, use narrative explanation sheet to describe separation and confinement procedures. If no, use narrative explanation sheet to describe sources of ignition or reaction.

- OR - The tank system is used solely for emergencies? \_\_\_\_ Yes ✓ No

- b. Are protective distances maintained between the tank accumulation areas and any public ways, streets, alleys, or adjoining property lines that can be built upon as required in Tables 2-1 through 2-6 of the National Fire Protection Association's "Flammable and Combustible Liquids Code"? ✓ Yes \_\_\_\_ No

Comments:

12. Special requirements for incompatible wastes (264.199).

- a. Is there evidence that incompatible wastes were in the same tank?

\_\_\_\_ Yes ☒ No

NOTE: If yes, use narrative explanation sheet to state the results (e.g. signs such as fire, toxic mists, heat generation, bulging containers, etc.) and whether 264.17(b) was complied with.

- b. If a waste is to be placed in a tank that previously held an incompatible waste or material, was that tank washed?

N/A  
\_\_\_\_ Yes \_\_\_\_ No

NOTE: If yes, describe the washing procedure on the narrative explanation sheet. If no, was 264.17(b) complied with?

\_\_\_\_ Yes \_\_\_\_ No

13. Specific Conditions on Permit:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_ Yes \_\_\_\_ No

\_\_\_\_ Yes \_\_\_\_ No

\_\_\_\_ Yes \_\_\_\_ No

\_\_\_\_ Yes \_\_\_\_ No