

Florida Department of Environmental Regulation

Southeast District •

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

Lawton Chiles, Governor

Telephone: 407/433-2650 Fax: 407/433-2666 Carol M. Browner, Secretary

HAZARDOUS WASTE INSPECTION REPORT

Complaint Follow-up Permitting Inspection Report Routine 1. PCH. RANNER/EPA ID FLD Facility Name SAFE KKEBN 130AV PARKLANO Address 46B INDUSTR iA ALAHA 4 UTC Mailing Address 73 County PAM **R**3Time 19BIO Phone Date (407

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 Impoundme	Treatment Tank Land Treatment Thermal entChem/Phys/Bio Incinerator
Transporter Transporter Transfer Facility	Disposal Landfill Surface Impoundme Waste Pile	Surface Impoundment
2. Applicable Regulation 40 CFR 261.5 40 CFR 265	$\frac{5}{40} \text{ CFR } 262 \qquad \times 40 \text{ CFR } 263 \\ 40 \text{ CFR } 266 \qquad \times 40 \text{ CFR } 268 \\ 40 \text{ CFR } 266 \qquad \times 40 \text{ CFR } 268 \\ \end{array}$	<u>X</u> 40 CFR 264
3. <u>Responsible Official</u> : STRUE BECKBR	- REGURCE RECOVERY I	SCANCH MANAGER
4. <u>Survey Participants a</u> JEFF SMITH, TIM		EY, MIKE REDIG - FOEP
GLEUN CROUSE, S 5. <u>Facility Latitude</u> :	TRUEN A BROKER T	HOWAS SANDS - SAFETY-KLEEN
6. <u>Type of Ownership</u> : F	EDERAL STATE COUNTY MU	NICIPAL PRIVATE
7. Permit No.: HOSO - 200	Bate Issued: 8/2///Expir	ation Date: 8/26/96
8. <u>Pre-arranged Inspecti</u>	Son:YesNo Preins	pection letter mailed.

Recycled Paper

9. Facility Description:

4.2

10. Summary of Alleged Violations:

11. <u>Recommendaitons</u>:

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Report prepared by:_____

Date:_____

Date Inspector (Facility ID#

RCRA INSPECTION REPORT GENERATOR'S CHECKLIST

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

Sec	tion i	<u>A - Sit</u>	e Identification No.	
1. 2. 3.	Resp	onsible	SAFETY - KLEEN / BOYNTON FACHI = Official: THOMAS SAUDS = icipants: TIM GRAY JEFF SMITH, KNOX MYKEE, CH	-
Sec	tion	<u>B - Ha</u> :	zardous Waste Determination (262.11)	
1.			ator generate hazardous waste(s) listed in Subpart D 1.33 - List of Hazardous Waste)?	No
	a.	If yes	s, list wastes, EPA numbers and quantities. FOO!, FC	102, FOO3, FOO4, FOO5
2.	char	acteria city cl	ator generate solid waste(s) that exhibit hazardous stics? (corrosivity, ignitability, reactivity, haracteristic)(261.20-261.24 - Characteristics of Haz	ardo rs YesNo
	a.	If yes 	s, list wastes, EPA numbers, and quantities. DOO/	Dectifie
	ь.	Does o	generator determine characteristics by testing, oduct knowledge, or by applying process knowledge?	ALL THREE
		-	If determined by testing, did generator use test methods in Part 261, Subpart C (or equivalent)?	YesNo
		-	If equivalent test methods used, attach copy of equivalent methods used.	/
	-		or subject to full regulation under Part 262? eck appropriate exemptions)	YesNo
	Spec	ial rec	lly exempt small quantity generator (261.5 - quirements) (Describe small quantity disposal and checklist)	
	Prod <u>OR</u>	uces no	on-hazardous waste at this time (261.4 - Exclusions)	
			reclaims, uses or reuses hazardous waste at this 5 - Exclusions) (Describe how this is achieved.)	

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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))

<u>Section C - Manifest</u> (262.20-262.23)

- Has generator shipped hazardous waste off-site since November 19, 1980? (Subpart B - The Manifest)
 - a. If no, do not fill out Section C and D.
 - If yes, identify primary off-site facilities.
 List facilities in narrative report.
- 2. Does generator use manifest? (262.20 General requirements) Is EPA form 8700-22 (Rev 9-88) used?
 - 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.
 - b. Manifest Document No.
 - c. Generator's Name, Mailing Address, Telephone No.
 - d. Transporter(s) Name, EPA I.D. No., Telephone No.
 - e. Facility Name, Address, EPA I.D. No., Telephone No.
 - f. DOT description of the waste
 - g. (1) Containers (number and type)
 - (2) Quantity (weight or volume)
 - h. EPA waste no.
 - i. Emergency Information (optional)
 (Special handling instructions, Phone No.)
 - j. Is the following certification on each manifest form?
 - 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

No

No Yes No Yes ___No Yes No Yes No Yes ___No Yes No Yes No Yes No No

OR

FACTLITY

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.

Signatures and dates k.

- (1) Generator
- (2) Transporter
- (3) Disposer (returned copy)
- Indicate number of manifests inspected and number of violations. Note type of violation in report.
- m. If copy of manifest from facility was not returned within 35 days, did generator file an exception report? (262.42 - Exception reporting)

If yes, did it contain the following information? Legible copy of manifest <u>AND</u> Cover letter explaining generators efforts to locate waste.

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

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

1. Does generator package waste for transport?

If no, skip to question 8. If yes, complete the following questions.

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

Yes ___No

bid not occur. _Yes __No

___Yes ___No

__Yes ___No

Yes No

_N/A Vyes ___No

Inspect co	ontainers	to	be	shipped.
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з.

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

DATE

FACILITY ID

- b. Is there evidence of heat generation from incompatible wastes in the containers?
- Before shipping, does the generator use DOT labeling requirements in accordance with 49 CFR 172? (263.31 - Labeling)
- Does the generator mark each package in accordance with 49 CFR 172? (262.32 - Marking)
- Is each container of 110 gallons or less marked with the following label? (262.32 - Marking)
 - Label saying: <u>HAZARDOUS WASTE</u> 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)

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

If no, answer rest of question #8.

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

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

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

No No

ND No

No

Yes No

_Yes __No

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,				FACILITY ID	FLD	84167	791
						1	
	c.	Are containers used to store	wastes?	(262.34(a)(1))) _	Vyes	_No
		If yes, complete Container S Generators.	torage Ch	ecklist for			
		Is the beginning date of acc indicated? (262.34(a)(2))	umulation	time clearly	-	Yes	_No
	d.	Are tanks used to store wast	es? (262	.34(a)(1))	-	Yes _	_No
		If yes, complete Tanks Check	list for (Generators.		/	
	е.	While being accumulated, is clearly marked "Hazardous Wa			-	Yes	_No
	NOTE	: If generator accumulate a storage facility, fil Generators Checklist.			not		
9.	Desc	ribe storage area. Use photo	s and nar	rative.			
<u>Sec</u>	tion	E - Recordkeeping and Records	(262.40-	262.43)	-	N/A	
	Expl	ain			·····		
1.	-	enerator keeping the followin e: The following must be kep					
·	a.	Biennial reports (262.41).			-	yes	No
	b.	Exception reports where appl	icable (2	62.42).	-	√ x es	_No
	c.	Test results where applicabl	e.		-	$\sqrt{Y_{\text{Yes}}}$	_No
2.	Wher	e are records kept (at facili	ty or els	ewhere)?	AT	FACILIT	<u>Y</u>
3.	Who	is in charge of keeping the r	ecords?				
	Name	GURNN CROUSE		Title			
4.	Any	additional reporting? (262.43	- Additi	onal Reporting)	Yes _	<u>No</u>
<u>Sec</u>		F - Special Condition (262.50		_		Yes_	No
	Expl	ain		NONE	<u> </u>	N/A	

D

	FACILITY ID	
1.	Has generator received from, or transported to, a foreign source, any hazardous waste?)YesNo
	a. If yes, has he filed a notice with the Regional Administrator?	YesNo
	b. Is this waste manifested and signed by Foreign consignee?	YesNo
	c. If generator transported wastes out of the country, has he received confirmation of delivered shipment?	YesNo
	Appendix A	
<u>Sec</u>	ction A - Personnel Training (265.16)	/
1.	Do management personnel complete hazardous waste training?	YesNo
	a. Is training on-the-job?	vesNo
	b. Is training in the classroom?	YesNo
2.	Do laborers who handle hazardous waste complete training?	Yes No
	a. Is training on-the-job?	YesNo
	b. Is training in the classroom?	Yes No
3.	Does training include:	/
	a. Emergency response procedures?	YesNo
	b. Inspection procedures?	vesNo
	c. Operation of hazardous waste handling equipment?	<u> </u>
4.	How often is training reviewed? ANNUAL AND	6 MONTH CONTINERIA
5.	Does the facility have personnel training records including	g: TRAINING
	a. Job title and description of position?	YesNo
	b. Description of employee's training?	YesNo
6.	Are records maintained for three years?	Yes No

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FACILITY ID Section 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 VNo If yes, use narrative explanation. 2. Is the facility equipped with (265.32 - Required equipment) Internal communications or alarm system? No а. Is it easily accessible in case of emergency? b. Telephone or two-way radio to call emergency response personnel? Portable fire extinguishers, fire control equipment, c. spill control equipment and decontamination equipment? Is this equipment tested to assure its proper operation? YEARLY How frequently? d. Water of adequate volume for hoses, sprinklers or water spray system? Carl BF BAYNTICL (1) Describe source of water _ Indicate flow rate and/or pressure and storage. EQUIP. (2) if applicable.___ 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) 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 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 No If yes, indicate primary authority CITY OF PONNTON Is the fire department a city or volunteer fire department? $C\pi$

 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)

Are they readily available to the emergency coordinator?

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)

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 operating record? (265.37(b) - Arrangements with Local Authorities)

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

- Does the facility have a contingency plan? (265.51 - Purpose and Implementation of Contingency Plan)
- 2. Is it maintained at the facility? (265.53 - Copies of Contingency Plan)
- 3. Is the contingency plan a revised SPCC Plan? (265.53 - Content of Contingency Plan)
 - a. Does the plan include:
 - (1) Action personnel will take?
 - (2) Evacuation routes?
 - (3) Emergency equipment?
 - (4) Is the emergency equipment properly inspected and maintained?
- 4. Is there an emergency coordinator on site or within short driving distance of the plant at all times?
- 5. Who is the emergency coordinator? <u>CXENN</u>
- 6. Has the facility supplied local police and fire departments with a copy of the contingency plan? (265.53 Copies of Contingency Plan) Yes

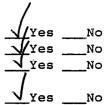
No No

FACILITY ID

No No

No

No No



____Yes ___No

No

CROUSE

	alini	4-	
Date	11/05/	70	
Inspector_	GRAY	SMITH	
Facility I	D#7		

No

No

AND OVER PAOL

No

No

No DAILY

V D C

N/A

ANGFER

Yes _No

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.)
- If a container is found to be leaking, does the operator 2. transfer the hazardous waste from the leaking container?
- 3. Is the waste compatible with the containers and/or its liner (265.172)?
- 4. Are the containers kept closed except when adding or removing wastes (265.173(a))?
- 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))?

If yes, explain using narrative.

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

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)?

If no, explain using narrative and document with photograph.

8. Are incompatible wastes stored in the same containers?

If yes, explain using narrative.

9. Are containers holding incompatible wastes kept apart by physical barrier or sufficient distance (265.177)?

If no, explain using narrative.

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Date <u>9/15/93</u> Inspector_____ Generator EPA ID#

Yes ___No

Yes No

_Yes __No

Yes No

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?
- Are there any exempt tank systems present (Closed-loop Recycling System - 261.4(a)(8))?
- 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?
 - 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)?
 - If yes, do the following apply?
 - (1) Assessment conducted by 1/12/88?

(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)?
- (4) Integrity assessment(s) results?

____ not leaking?

_____ unfit for use? (see item #8)

Comments:

- 4. New tank systems or components (265.192):
 - Number of new tank systems or components installed or a. put into use after 7/14/86?
 - Are assessments on file for each of the new tank systems b. or components?

If yes, do the following apply:

- (1) Assessment(s) certified by an independent, qualified, registered P.E.?
- (2) Assessment(s) include the following information:
 - Design standards (including secondary containment unless a variance-265.193(g) has been received?
 - 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)?
 - 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)?
 - A determination of design or operational measures that will protect underground tank system components against potential damage from vehicular traffic?
 - Design considerations to ensure that tank foundations will maintain the load of a full tank? N Yes
 - 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?
 - Tank systems will withstand the effects of frost heave?
- Are certification statements by a qualified installation c. 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?

FACILITY ID

No

No

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(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?

DATE

FACILITY ID

Yes No

_Yes __No

Yes No

_Yes __No

_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?
- (4) That the type and degree of corrosion protection necessary was provided, based on the certified design assessment of the system?
- (5) That an independent corrosion expert ensured the proper installation of a corrosion protection system if it was field-fabricated?
- 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?

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?
 - (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?
 - c. Are there any existing tank systems which are used to store or treat materials which became hazardous wastes after 1/12/87?

(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).

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- e. Have any variances (265.193(g)) from secondary containment been requested for existing tank systems?
- f. Are leak tests meeting the requirements of 265.191(b)(5) conducted annually for non-enterable underground tanks without secondary containment?
- 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?
- h. Are records of the results of leak tests or other tank integrity assessments kept on file?
- i. Were any tank systems or components found to be leaking or unfit for use as a result of leak tests or other NO assessments?
- NOTE: If the answer is yes, refer to item #8 Response to leaks or spills and disposition of leaking or unfit-foruse 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)?
 - 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?
 - (2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed?

Yes

Yes

No

No

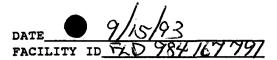
No

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?
 - (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?
 - (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?
 - (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?
 - (5) Sloped or otherwise designed or operated to drain or remove liquids resulting from leaks, spills, or precipitation?
- d. Which device below is used to provide secondary containment for tanks? (Check those that apply.)
 - (1) A liner (external to the tank)
 - $\sqrt{(2)}$ 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?
 - (2) Designed or operated to prevent run-on or infiltration of precipitation into the system? ____Yes
- 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.

No

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- (3) Determined to be free of cracks and gaps?
- Designed and installed to completely surround the (4) tank and to cover all surrounding earth to prevent lateral and vertical migration of waste?
- If a vault system is used, has it been: f.
 - (1) Designed or operated to contain 100% of the capacity of the largest tank within its boundary?
 - (2) Designed or operated to prevent run-on or infiltration of precipitation into the system (see note above)?
 - (3) Constructed with chemical-resistant water stops in place at all joints (if any)?
 - (4) Provided with an impermeable interior coating or lining that is compatible with the accumulated waste to prevent migration into the concrete?
 - (5) Provided with protection against the formation and ignition of vapors within the vault if the wastes being accumulated are ignitable or reactive?
 - (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)?
- If double-walled tanks are used, are they: g.
 - Designed as an integral structure so that the outer (1) shell will contain releases from the inner tank?
 - (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?

Comments:

Yes ___No

√Yes No



√Yes __No

√Yes__No NA

_Yes ___No

Yes ___No

7.	General	operating	requirements	(265.194).
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a. Is there any evidence of ruptures, leaks, corrosion, or failure in the tank system or ancillary equipment?

DATE

FACILITY ID

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.)?
 - (2) Overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank)?
 - (3) Maintenance of sufficient freeboard in uncoverd tanks to prevent overtopping by wave, wind action, or precipitation?
- c. Have any leaks or spills occurred in a tank system or its ancillary equipment?
- 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)?
 - (2) Aboveground portions of the tank system to detect corrosion or releases of waste?
 - (3) Data gathered from monitoring equipment and leak detection equipment (e.g. pressure and temperature guages, monitoring wells)?

No No Yoa No

No

Yes No

No

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DATE

- (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)?
- 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?
 - (2) Every other month to inspect sources of impressed current?
- c. Are the inspection results documented in the operating record of the facility?

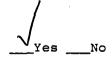
Comments:

- 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?
 - 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?
 - (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?
 - b. If there was a visible release to the environment, was a visual inspection conducted by the owner/operator?
 - (1) Was further migration of the leak or spill to soils or surface water prevented?

Yes _No

Yes No

Yes ___No



,	FACILITY 1D	· · · · · · · · · · · · · · · · · · ·
	(2) Was the visible contamination removed and properly disposed of?	YesNo
с.	Was the release to the environment reported to the Department within 24 hours of detection?	YesNo
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?	YesNo
e.	If a leak was the cause of a release, was the system repaired before being returned to service?	YesNo
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)?	YesNo
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?	YesNo
	(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?	YesNo
	(2) Was this certification submitted to the department within 7 days after returning the system to service?	YesNc

DATE

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Comments:

GENTANK 9 of 11

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- 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 N system components, contaminated soils, and structures and equipment contaminated with waste, and manage them as hazardous waste? ____Yes ____No

Comments:

- 11. Special requirements for ignitable or reactive wastes (265.198).
 - a. Are ignitable or reactive wastes placed in tanks?
 - 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

Yes ___No

Yes No

No

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?
- 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?
- 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"?

Comments:

		DATE FACILITY ID		,
12.		requirements for incompatible wastes (265.199). NA		-
		here evidence that incompatible wastes were in the 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.		
		waste is to be placed in a tank that previously held ncompatible waste or material, was that tank med?	Yes _	No

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

Comments:

Date Inspector Facility ID# FAL

TRANSPORTERS CHECKLIST

KLEE BEACH I. SITE NAME:

II. TRANSPORTER REQUIREMENTS (40 CFR 263)

- 1. Do vehicles transporting hazardous waste have the appropriate placards? (263.10)(49 CFR 172.500)
- Does transporter have an EPA identification number? (263.11(a))
- 3. Does the transporter use manifest system as required by 263.20?

Do the manifests contain at least:

- a. Name, address, and EPA ID of transporter?
- b. Name, address, and EPA ID code of generator?
- c. Name, address, identification code of designated permitted facility?
- d. Corresponding manifest document number?
- e. Description and quantity of each hazardous waste?
- f. Signature of subsequent transporters?
- g. Signatures signifying proper delivery or reasons why delivery could not be certified?

h. EPA waste codes?

TRAN 1 of 8

No No No

Yes No

Yes

Yes

Yes

Ves

Yes

Yes ___

No

No

_No

No

No

No

No

		DATE FACILITY ID	
v			
4.	Inte	ernational shipments: (263.20(g))	N/A
	a.	Record of date waste left U.S.?	YesNo
	b.	Presence of one signed copy in records?	YesNo
	с.	Signed copy of manifest returned to the generator?	YesNo
	d.	Copy of the manifest given to a U.S. Customs official at the point of departure from the United States?	YesNo
5	For	SQG waste:	,
	a.	Is waste transported according to reclamation agreement?	YesNo
	b.	Is following information recorded on a shipping paper:	
		Name, address, and EPA ID of waste generator Quantity of waste accepted DOT - required shipping info Date waste is accepted	Ves No Ves No Ves No Ves 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.		copies of the manifest retained for 3 years? 3.22)	Yes No
7.		chere evidence of discharge of hazardous waste? 3.30)	YesNo

8. Has transporter demonstrated the financial responsibility required under 17-30.170(2)

9. Does the transporter verify financial responsibility with the Department annually (17-730.170(3))?

III. TRANSFER FACILITY REQUIREMENTS (17-730.171)

- Does transporter comply with 10 day storage limit A. for transfer facilities? (263.12)
 - Is the hazardous waste packaged according to 1. 262.30? (263.12)

Yes _No No Yes

Yes No

Yes

No

DATE FACILITY ID

B. General Facility Standards (265 Subpart B)

- 1. <u>Security</u> (265.14)
 - a. Is the facility security system adequate to minimize unauthorized entry?

b. Are signs posted and legible for 25 feet?

- 2. Inspection Requirement (265.15)
 - a. Does the facility have a copy of the Inspection Plan?
 - b. Does the facility have completed inspection logs?
 - c. Were the deficiencies corrected in a timely manner?
 - d. Are the inspection logs maintained at the facility for 3 years?
- 3. <u>Personnel Training</u> (265.16)
 - a. Do management personnel complete hazardous waste training?
 - Is training on the job?
 - Is training in the classroom?
 - b. Do laborers who handle hazardous waste complete training?
 - Is training on the job?Is training in the classroom?
 - c. Does training include:
 - Emergency response procedures?
 - Inspection procedures?
 - Operation of hazardous waste handling equipment?
 - d. How often is training reviewed? ANNUALLY
 - e. Does the facility have personnel training records including:

Job title and description of position?
Description of employee's training

¥es NO Yes No No Yes No Yes <u>No</u> No No Yps Yes No Yes _ _No MONTH AND

No

No

No

No

No

No

No

Yes

les

No No

REVIEN

TRAN 3 of 8

f. Is training successfully completed within6 months of hiring/transfer to HW position?

DATE

FACILITY ID

- g. Are records maintained for three years at the facility?
- 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?
 - b. Are "No Smoking" signs posted in the area?
- C. Preparedness and Prevention (265 Subpart C)
 - Is there evidence of fire, explosion or contamination of the environment? (265.31 -Maintenance and Operation of Facility)

If yes, use narrative explanation.

- 2. Is the facility equipped with (265.32 required equipment):
 - a. Internal communications or alarm system? Is it easily accessible in case of emergency?
 - b. Telephone or two-way radio to call emergency response personnel?
 - c. Portable fire extinguishers, fire control equipment, spill control equipment and decontamination equipment?

Is this equipment tested to assure its proper operation?

ANNINALL How frequently?___

- d. Water of adequate volume for hoses, sprinklers or water spray system?
 - (1) Describe source of water. CITY OF BOYNION
 - (2) Indicate flow rate and/or pressure and storage capacity, if applicable._____

TRAN 4 of 8

No No

No No Yoa

Yes

No Yes No No

No No

_Yes ___No

DATT FACILITY ID 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) No Has the owner/operator made arrangements with 4. 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 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) No N/A Yes BEACH TiDIf yes, indicate primary authority.__ 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? No (265.37 - Arrangements with Local Authorities) Are they readily available to the emergency coordinator? 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 Authorites) If no, has the owner/operator attempted to do this? If the State, or local authorities decline to enter 8. into the above referenced agreements, has this been documented in the operation record? (265.37 - Arrangements with Local Authorities)

c. Contingency Plan and Emergency Procedures (265 Subpart D) Does the facility have a contingency plan? 1. (265.51 - Purpose and Implementation of No Contingency Plan) Is it maintained at the facility? 2. No (265.53 - Copies of Contingency Plan) З. Is the contingency plan a revised SPCC Plan (265.52 - Content of Contingency Plan) No Does the plan include: а. No (1) Action personnel will take? Yes No (2) Evacuation routes? Yes Emergency Equipment? (3) No (4) Is the emergency equipment properly inspected and maintained? No 4. Is there an emergency coordinator on site or within short driving distance of the plant at all times? (265.55 - Emergency Coordinator) No Who is the emergency coordinator? <u>GLENN</u> (PRUSE 5. ACT - 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) No

DATE

FACILITY ID

D. Container Storage Checklist

(Subpart I - Use and Management of Containers 265.170)

- Are the containers in good condition (265.171)? (check for leaks, corrosion, bulges, etc.)
- 2. If a container is found to be leaking, does the operator transfer the hazardous waste from the leaking container?
- 3. Is the waste compatible with the containers and/or its liner? (265.172)

No

No FRD , 1 OURAPACK No

TRAN 6 of 8

- DATE 9/15/92 FACILITY ID 520 984 167 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)

If yes, explain using narrative.

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

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

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

If yes, explain using narrative.

7. Are incompatible wastes stored in the same containers?

If yes, explain using narrative.

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

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

Does the log contain:

Generators' names? Manifest numbers? Dates when waste enters and leaves facility?

DAIN

No ·

No No

No No No

TRAN 7 of 8

			DATE 9/15/93	
			FACILITY ID 420 -	- <u> </u>
	н.	17-73	the facility notified the department on Form 30.900(6) (Transfer facility notification form)? 730.171(3))	YesNo
	I.	Does	the transfer facility have an EPA/DER ID number?	YesNo
IV.			ED_WASTES_(HOUSEHOLD/CONDITIONALLY_EXEMPT NTITY_GENERATOR_WASTES)	N/A
	1.		the transporter have documentation that this e was generated by an unregulated source?	YesNo
	2.		o, is the transporter assuming responsibility he generator of this waste?	YesNo
		a.	If yes, complete the applicable Generator or Small Quantity Generator checklist.	
		Ъ.	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.		the transporter mix/consolidate hazardous wastes ifferent DOT shipping descriptions 263.10(c)(2)?	YesNo

If yes, complete the Generator checklist.

V. LAND BAN WASTE

•

 Does the transporter manage restricted (land ban) wastes?

If yes, check appropriate box(es).

"California List" _____ F--- List _____

Yes ___No

•

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TRAN 8 of 8

9/15/93

Inspector_____ Facility ID#____

Date_

RCRA COMPLIANCE INSPECTION REPORT TSD FACILITIES CHECKLIST

<u>Gene</u>	eral Facility Standards	
1.	SITE Name SAFRITY - KLERN COYNTON BRACH	FACILITY
2.	Has facility received hazardous waste from a foreign source? (264.12 - required notices)YesNo	2
	If yes, has he filed a notice with the Regional Administrator and DER?YesNo	NA
3.	Does the facility have a copy of the permit along with the approved application?YesNo	
Wast	te Analysis (264.13) 264 Permit Condition	
1.	Is a copy of the waste analysis plan maintainedYesNo	
2.	Does the facility have copies of completed wasteYesNo	
3.	repeated as required?YesNo	
4.	(For off-site facilities) waste analysis thatYesNo	
5.	Check waste analysis equipment to see if it is NA YesNo on-site and in working condition?	
Sect	urity (264.14) 264 Permit Condition	
1.	Is the facility security system adequate toYesNo	
2.	Are signs posted and legible for 25 feet? \sqrt{Yes} No	
Ins	pection Requirement (264.15) 264 Permit Condition	
1.	Does the facility have a copy of the InspectionYesNo	

TSD 1 of 5

FACILITY

No

No

No

No

_No

_No

No

No

No

No

No

Yes

Yes

Yes

<u>∨</u>Yes ___No

DATE

- 2. Does the facility have completed inspection logs?
- 3. Were the deficiencies corrected in a timely manner?
- 4. Are the inspection logs maintained at the facility for 3 years?
- 5. Is the facility equipped to prevent fire, explosion or contamination of the environment and is the equipment in working condition?

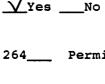
Personnel Training (264.16) 264 Permit Condition

- Does facility have copy of training plan? 1.
- 2. Does facility have personnel training records?
- 3. Has management completed training?
- 4. Have laborers completed training?
- Is training successfully completed within 6 months 5. of hiring/transfer to HW position? Yes
- 6. Has the training been conducted as stated in the Training Plan?
- 7. Do the facility personnel training records include:
 - Job title and description of position? a.
 - b. Description of employee's training?
- Are records maintained for 3 years? 8.

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?
- 2. Are "No Smoking" signs posted in the area?

TSD 2 of 5



Yes

	9/15/83
DATE	7/10/19-3
FACILITY ID_	FLO 984 167 79/

Preparedness and Prevention (264.30-.37) 264 Permit Condition

- 1. Is there evidence of fire, explosion or contamination of the environment?
- 2. Is the facility equipment located in accordance with the approved plan and is it functional?

Contingency Plan and Emergency Procedures (264.50-56) 264___

- Does the facility have a copy of the 1. Contingency Plan?
- 2. Has the plan been amended and have the amendments been approved?
- 3. Were the plan revisions submitted to all authorities?
- 4. Is the emergency coordinator on-site or within short driving distance of plant at all times?
- 5. Verify equipment location. Is it in working condition?

Manifest System, Recordkeeping and Report (264.70-77) 264____ Permit Condition____

- 1. Does the facility have copies of the Manifest?
 - Are the manifests signed and dated а. and returned to the generator?
 - Is a signed copy given to the b. transporter?
 - Are there any manifests that have not c. been completely filled out?
- 2. Are copies of the manifest retained for three years?
- 3. Has the facility received any shipments of hazardous waste which were inconsistent with the manifest?

Yes No

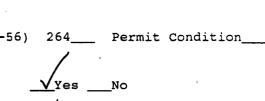
Yes

VYes No

Yes 🗸 No

₿ Vyes <u>V</u>No

TSD 3 of 5



No

No

No

No

No

Yes

Yes

			DATE
			FACILITY ID
	a.	If yes, has he attempted to reconcile the discrepancy with the generator and transporter?	Yes V No
	b.	If no, has DER been notified?	YesNo
4.	that haza	the facility have operating records show a description and quantity of each rdous waste and the date and method of D at the facility?	YesNo
5.	Does	location and quantity of hazardous waste e with operating record?	
<u>Gro</u>	undwa	<u>ter Monitoring</u> (264.90100) 264 F	Permit Condition
1.	Does Plan	the facility have a copy of the Groundwa ?	terYesNo]
2.		the facility have copies of the groundwa ysis?	ter NA
з.	Has	the analysis been conducted as specified?	YesNo
.4.	incr	there been a statistically significant ease of the value for the parameter from ground?	ҮевNо
5.	the	the facility notify the Department of parameter that showed a statistically ificant increase within 7 days?	YesNo
6.	Veri	fy location of wells?	YesNo
7.		fy condition of wells and check for caps locks?	YesNo
<u>Clc</u>	sure	<u>and Post-Closure</u> (264.110120) 264	Permit Condition

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

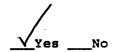
- 2. Does the maximum inventory of wastes at the facility exceed that specified in the Closure Plan?
- 3. Does the facility have an approved post-closure plan (for land disposal facilities)?

Yes No No Yes Yes No

TSD 4 of 5

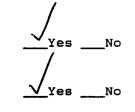
DATE		9/15/93	•
FACILITY	ID		

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



Financial (264.140-.151) 264 Permit Condition

- Does the facility have a written estimate, in current dollars, of the cost of closing the facility?
- 2. Has the financial assurance been updated for the last year?



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

Closure cost? Post-closure cost? Sudden liability? Non-sudden liability?

	1	
	Yres	No
N/A	_√Yes	No
		No
N/A	Yes	No

Date Inspector. Facility ID# FL

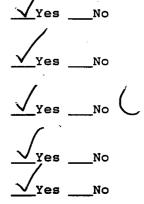
TSD CONTAINERS CHECKLIST (264.170-264.178) 264___ Permit Condition___

1. Are the containers in good condition (264.171)?

- Are the containers managed in accordance with the permit (264.171)?
- 3. Is the number of containers equal to or below the max inventory for the permit?
- 4. Are the containers in the designated bays by waste type?
- 5. Is the waste stored in the specified container?
- 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))?

Explain.

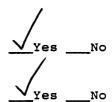
- 7. Are each of the containers inspected at least weekly (264.174)?
- 8. Is the secondary containment system functional and are free liquids removed and managed in accordance with the permit?
- 9. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility property line?
- 10. Is there sufficient aisle space to allow unobstructed movement and inspection?
- 11. Specific Condition on Permit:





DAIKY No





___Yes ___No ___Yes ___No ___Yes ___No

Date Inspector Generator EPA ID#

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?
- Are there any exempt tank systems present (Closed-loop Recycling System - 261.4(a)(8))?
- 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?
 - 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)?
 - If yes, do the following apply?
 - (1) Assessment conducted by 1/12/88?

(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?

- (3) Certification(s) by independent, qualified, and registered P.E.(s)?
- (4) Integrity assessment(s) results?

____ not leaking?

____ unfit for use? (see item #8)

Comments:

Yes 🗸 No

Yes ___No

___Yes ___No

___Yes ___No

__Yes ___No

DATE		
FACILI	TY ID	

- 4. <u>New</u> tank systems or components (264.192):
 - a. Number of new tank systems or components installed or put into use after 7/14/86?
 - b. Are assessments on file for each of the new tank systems or components?

If yes, do the following apply:

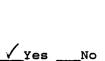
- (1) Assessment(s) certified by an independent, qualified, registered P.E.?
- (2) Assessment(s) include the following information:
 - Design standards (including secondary containment unless a variance-264.193(g) has been received)? <u>Yes</u> No
 - Factor affecting corrosion potential of tanks or components in which the external shell or any external metal component is in contact with soil or water (determined by a corrosion expert)?
 - 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)?
 - A determination of design or operational measures that will protect underground tank system components against potential damage from vehicular traffic?
 - Design considerations to ensure that tank foundations will maintain the load of a full tank? \checkmark 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?
 - Tank systems will withstand the effects of frost heave?
- 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

TSD TANK 2 of 11

d

Vres ___No

√Yes ___No



Yes No

√Yes No

Yes ___No

<u>_____</u>Ies ____NO

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?

DATE

FACILITY

- (3) That ancillary equipment has been supported and and protected against physical damage and excessive stress due to settlement, vibration, expansion or contraction?
- (4) That the type and degree of corrosion protection necessary was provided, based on the certified design assessment of the system?
- (5) That an independent corrosion expert ensured the proper installation of a corrosion protection system if it was field-fabricated?
- 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?

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)).
 - a. How old are the existing tank systems?

(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?
- c. Are there any existing tank systems which are used to store or treat materials which became hazardous wastes after 1/12/87?

(1) How many?



Yes / No

7791

_Yes __No

_Yes __No

___Yes ___No

۸ \۴ ⊻es ___N

NA

DATE

- 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?
- f. Are leak tests meeting the requirements of 264.191(b)(5) conducted annually for non-enterable underground tanks without secondary containment?
- 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?
- 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-foruse 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)?
 - 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?
 - (2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed?

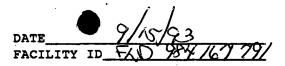
Yes ___No

NIR

Yes 🗸 No

Yes

Yes No



- To satisfy b., has the containment system been: c.
 - Constructed of or lined with materials that are (1) compatible with the waste(s) to be contained?
 - (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?
 - (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?
 - (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?
 - (5) Sloped or otherwise designed or operated to drain or remove liquids resulting from leaks, spills, or precipitation?
- d. Which device below is used to provide secondary containment for tanks? (Check those that apply.)
 - (1) A liner (external to the tank)
 - <u>/ (2)</u> A vault

(3) A double-walled tank An equivalent device approved by the Department.

- If an external liner system is used, has it been: e.
 - (1) Designed or operated to contain 100% of the capacity of the largest tank within its boundary?
 - Designed or operated to prevent run-on or infiltration (2) 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.

No

Yes No

Yes No

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	(3)	Determined to be free of cracks and gaps?	YesNo
·	. (4)	Designed and installed to completely surround the tank and to cover all surrounding earth to prevent lateral and vertical migration of waste?	YesNo
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?	Ves No
·	(2)	Designed or operated to prevent run-on or infiltration of precipitation into the system (see note above)?	YesNo
	(3)	Constructed with chemical-resistant water stops in place at all joints (if any)?	YesNo
	(4)	Provided with an impermeable interior coating or lining that is compatible with the accumulated waste to prevent migration into the concrete?	<u></u> YesNo
•	(5)	Provided with protection against the formation and ignition of vapors within the vault if the wastes being accumulated are ignitable or reactive?	YesNo
	(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)?	.√YesNo
g.	If d	ouble-walled tanks are used, are they: $\mathcal{N} \mid \mathcal{K}$	
	(1)	Designed as an integral structure so that the outer shell will contain releases from the inner tank?	YesNo
	(2)	Protected, if constructed of metal, from corrosion on the inner tank interior and outer shell exterior?	YesNo
·	(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?	YesNo
_			

Comments:

		ι.	-	DATE		
7.	Gene	ral og	perating requirements (264.194).			
	a.		ere any evidence of ruptures, leaks are in the tank system or ancillary o		Yes	No
	NOTE	:	If the answer is yes, explain in the	e narrative report.	•	
	b.	folld	appropriate controls and practices so wing used to prevent spills and over or secondary containment systems:		.	
		(1)	Spill prevention controls (e.g, cheodiscount couplings, etc.)?	ck valves, dry	Yes	No
		(2)	Overfill prevention controls (e.g., devices, high level alarms, automat. or bypass to a standby tank)?		Yes	No
		(3)	Maintenance of sufficient freeboard tanks to prevent overtopping by wave or precipitation?		Yes	No
	c.		any leaks or spills occurred in a tancillary equipment?	ank system or	Yes	Ňo
	NOTE	:	If the answer is yes, explain what a	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?
- 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?
 - (2) Data gathered from monitoring equipment and leak detection equipment (e.g. pressure and temperature guages, monitoring wells)?

Yes No

VYes No

Vyes 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)?

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- b. Are cathodic protection systems, if present, inspected according to the following schedule: M|K
 - Six months to confirm the proper operation of the cathodic protection system after the initial installation, and annually thereafter?
 - (2) Every other month to inspect sources of impressed current?
- c. Are the inspection results documented in the operating record of the facility?

Comments:

- 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?
 - (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?
 - (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?
 - b. If there was a visible release to the environment, was a visual inspection conducted by the owner/operator?
 - (1) Was further migration of the leak or spill to soils or surface water prevented?

SPIKE HAS NOT CONVERN Yes No

Yes No

√Yes No

Yes No

_Yes ___No

___Yes ___No

__Yes ___No

Yes No

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		·		
	(2)	Was the visible contamination remove	d and	
	(-)	properly disposed of?		Vec No
		property disposed of:		YesNo
C.	Was 1	the release to the environment report	ed to the	,
	Depai	tment within 24 hours of detection?		YesNo
	-			
NOTE	•	A leak or spill of less than or equa	1 to a	
	•	quantity of one pound of hazardous w		
		that is immediately contained and cl	eaned up	
		is exempted from this requirement.		
		·		•
d.	Was a	a report to the Department, as specif	ied in	-
		L96(d)(3), submitted within 30 days f		,
		ases?	or nonexempt	Vog No
	Tere	1863:		YesNo
	_			
e.		leak was the cause of a release, was		
	repa	ired before being returned to service	2	YesNo
-				
f.	If th	ne leak caused a release to the envir	onment from a	
•		onent of a tank system without second		
	-		-	
		that component provided with secondar	-	
	-	pecified in 264.193 before it was ret	urned to service	
	(see	Item #6)?		YesNo
NOTE	:	If the leaking component is abovegro	und and can be	
-		inspected visually, secondary contai		
		not need to be provided after repair		
		not need to be provided after repair	•	
***:		If a component was replaced in order	_	
		system, the owner or operator must c	comply with the	
		standards for new tank systems or co	mponents	
		264.192 and 264.193 (see item #4).	-	
	Mag	a major repair performed to return th		
g.			le tank system	
	back	to service?		YesNo
	(1)	If yes, was a certification of this	major repair	
		done by an independent, qualified, r	egistered P.E.	
		before the system was returned to se	-	YesNo
	121	When this southification anti-		
	(2)	Was this certification submitted to	-	
		within 7 days after returning the sy	stem to service?	YesNo
-				

Comments:

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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?

Comments:

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

- a. Are ignitable or reactive wastes placed in tanks?
 - 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?

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?
- 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?

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"?

Comments:

Vres No

___No

Yes No

_Yes _/No

___Yes 🖌 No

Yes ___No

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		DATE			
		FACILIT	Y ID		<u> </u>
12.	Special	requirements for incompatible wastes (264.19	9).		
		there evidence that incompatible wastes were e tank?	in the	_Yes _/	_No
	NOTE :	If yes, use narrative explanation sheet to the results (e.g. signs such as fire, toxi heat generation, bulging containers, etc.) whether 264.17(b) was complied with.	c mists,		
	an	a waste is to be placed in a tank that previ incompatible waste or material, was that tan hed?	- / /	/ _Yes	_No
	NOTE :	If yes, describe the washing procedure on narrative explanation sheet. If no, was 2 complied with?		_Yes	_No
13.	Specific	Conditions on Permit:			
				Yes	No

.

___Yes ___No

_Yes ___No

_Yes ___No

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