



State of Ohio Environmental Protection Agency

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MAILING ADDRESS:

P.O. Box 1049
Columbus, OH 43216-1049

CERTIFIED MAIL

December 31, 2008

Re: **Hukill Chemical Corporation**
US EPA ID No: OHD 001 926 740
Ohio ID No: 02-18-0315
Modified Hazardous Waste Permit

Mr. Tim Jones
Hukill Chemical Corporation
7013 Krick Road
Bedford, Ohio 44146

Dear Mr. Jones:

On September 29, 2008, Ohio EPA received Hukill Chemical Corporation's requests to 1) increase the facility's container storage capacity from 55,000 gallons to 68,695 gallons, an increase of 24.9% of the current container capacity; 2) add a tank (T-13, 13,000 gallons) for storage of hazardous waste that increases the tank storage capacity from 164,850 gallons to 179,850 gallons, an increase of 9.1% of the current tank storage capacity; and, 3) increase treatment capacity by the addition of treatment to three tanks permitted to store hazardous waste. Addition of the treatment code to tanks 10-3-F (2,900 gallon tank), 11-3-F (2,900 gallon tank), and T-56 (14,000 gallon tank) will increase the facility treatment rate from 90,500 gallons per day to 110,500 gallons per day, an increase of 22.1% of the current treatment rate. For these modifications, Hukill Chemical Corporation submitted three Class 2 permit modification applications¹.

The Agency did not receive any verbal or written comments concerning the Class 2 modifications. I have enclosed the final modified Ohio hazardous waste facility installation and operation permit (Permit) action that was issued by the director today. Please note that the modified Permit remains in effect until it is renewed, withdrawn, suspended or revoked.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director

¹Ohio EPA assigned tracking # 080929-2-1, 2, & 3 to this modification application.

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

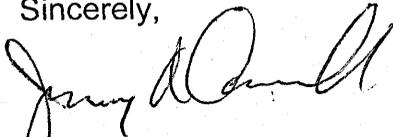
Mr. Tim Jones
Hukill Chemical Corporation
December 31, 2008
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within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions, please contact Marlene Kinney of Ohio EPA's Northeast District Office at (216) 963-1200.

Sincerely,



Jeremy A. Carroll, P.E.
Manager, Regulatory and Information Services Section
Division of Hazardous Waste Management

cc: Edwin Lim/Cole Miller, ERAS, DHWM, CO
Nyall McKenna/Marlene Kinney, NEDO, DHWM
Carol Hester, Ohio EPA, PIC
file

PUBLIC NOTICE

Cuyahoga County

OHIO EPA ISSUES TWO FINAL HAZARDOUS WASTE PERMIT MODIFICATIONS

On December 31, 2008, Ohio EPA issued three (3) final class 2 modifications to the Hazardous Waste Facility Installation and Operation Permit (Permit) for Hukill Chemical Corporation (Hukill) for its facility at 7013 Krick Road, Bedford, Ohio. The EPA Identification Number for this facility is OHD001926740.

Why is Hukill modifying its Permit?

Hukill is permitted to store hazardous waste in containers and tanks. Hukill wishes to: 1) increase the facility's container storage capacity from 55,000 gallons to 68,695 gallons; 2) add a tank (T-13, 13,000 gallons) for storage of hazardous waste that increases the tank storage capacity from 164,850 gallons to 179,850 gallons; and, 3) increase treatment capacity by the addition of treatment to three tanks permitted to store hazardous waste. These final permit modifications will allow Hukill to make the requested changes. To issue these final modifications, Ohio EPA determined that the modification application is complete and meets appropriate standards.

Can I appeal the final modified Permit?

Yes, if you are an officer of an agency of the state or of a political subdivision, acting in a representative capacity, or any person who would be aggrieved or adversely affected by these Permit modifications, you have the right to appeal the Permit decisions to the Environmental Review Appeals Commission (ERAC).

If I decide to appeal the final modified Permit, how and when must I make the appeal?

If you file an appeal, you must put it in writing no later than **February 2, 2009**. Your appeal must explain why you are appealing the action and the grounds you are using for your appeal. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. You must file your appeal, according to Ohio Revised Code § 3745.04 with ERAC at the following address: ***Environmental Review Appeals Commission***, 309 South Fourth Street, Room 222, Columbus, Ohio 43215. You must send a copy of the appeal to the director of Ohio EPA at the following address no later than three (3) days after you file it with ERAC: ***Chris Korleski, Director of Ohio EPA***, P.O. Box 1049, Columbus, Ohio 43216-1049.

OHIO ENVIRONMENTAL PROTECTION AGENCY

OHIO E.P.A.
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MODIFIED OHIO HAZARDOUS WASTE FACILITY
INSTALLATION AND OPERATION PERMIT

I certify this to be a true and accurate copy of the
official documents as filed in the records of the Ohio
Environmental Protection Agency.

Date of Issuance: 12-26-08

Effective Date: 12-26-08

U.S. EPA ID No.: OHD001926740

Ohio Permit No.: 02-18-0315


B. Shapiro Date: 12/26/08

Name of Permittee: Hukill Chemical Corporation

Mailing Address: 7013 Krick Road
Bedford, OH 44146

Facility Location: 7013 Krick Road
Bedford, OH 44146

Person to Contact: Tim Jones

This Modified Ohio Hazardous Waste Facility Installation and Operation Permit is issued pursuant and subject to Section 3734.05(I) of the Ohio Revised Code and Rule 3745-50-51(D) of the Ohio Administrative Code.

The Ohio Hazardous Waste Facility Installation and Operation Permit with the above-referenced permit number as issued by the Ohio Environmental Protection Agency and journalized on December 28, 2006, is hereby incorporated by reference in its entirety, except as it may be modified herein.

This modification of the permit shall remain in effect until such time as the Ohio Hazardous Waste Facility Installation and Operation Permit is renewed, modified, withdrawn, suspended or revoked.

The Permittee shall comply with all requirements of the modified Part B permit application as amended or supplemented on September 29, 2008, and November 5, 2008. The information contained in the modified Part B permit application is incorporated herein by reference. Specifically, all written statements regarding the specifications, locations or capabilities of the processes, equipment, containment devices, safety devices or programs or other matters made by the applicant in the permit modification application are hereby incorporated as express, binding terms and conditions of this modified permit.

The modified Terms and Conditions of this permit are attached hereto and are incorporated herein by reference. The modified Terms and Conditions supersede and replace the corresponding pages found in the December 28, 2008 renewal permit.


Chris Korleski
Director

**OHIO ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF HAZARDOUS WASTE MANAGEMENT**

**SUMMARY OF MODIFICATIONS TO HAZARDOUS WASTE
INSTALLATION AND OPERATION PERMIT**

Hukill Chemical Corporation

U.S. EPA ID No: OHD 001 926 740

Ohio ID No: 02-18-0315

Modifications of the Hazardous Waste Facility Installation and Operation Permit will authorize Hukill Chemical Corporation to make the following changes:

Class 2 Modifications:

1. Increase the facility's container storage capacity from 55,000 gallons to 68,695 gallons, an increase of 24.9% of current container capacity.
2. Addition of a tank (T-13, 13,000 gallons) for storage of hazardous waste that increases the tank storage capacity from 164,850 gallons to 179,850 gallons, an increase of 9.1% of the current tank storage capacity.
3. Increase treatment capacity by the addition of treatment to three tanks permitted to store hazardous waste. Addition of the treatment code to tanks 10-3-F (2,900 gallon tank), 11-3-F (2,900 gallon tank), and T-56 (14,000 gallon tank) will increase the facility treatment rate from 90,500 gallons per day to 110,500 gallons per day, an increase of 22.1% of the current treatment rate. ,

Module C

Modified Terms and Conditions

(Pages 28 and 29 of 76)

Hukill Chemical Corporation

OHD 001 926 740

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MODULE C - CONTAINERS STORAGE & TREATMENT

C. CONTAINER STORAGE AND MANAGEMENT

The Permittee operates two container storage areas. One is located indoors and the other, located outdoors, is only used for the storage of hazardous waste without free liquids.

The East Warehouse Container Storage Area is located inside the East Warehouse in an area which measures 92 feet by 74 feet. Containers stored in the East Warehouse include DOT approved steel drums and portable containers (tote bins), fiberboard boxes, plastic drums, and various types of small containers and buckets.

The storage area is bounded at its perimeter by a 4.5 inch high integrated concrete curb. The doorways and garage doors into the East Warehouse are ramped with reinforced concrete to a minimum height of 4.5 inches. The containment area has been lined with a steel plate floor which serves as the secondary containment system liner. The steel floor is butt welded 3/16" thick hot rolled carbon steel. The steel curbing was made by bending the steel plate to form the curb. A steel plate cap was attached to the concrete curbing, and caulked at the concrete juncture to prevent infiltration of liquid between the edge of the steel containment curb and the concrete curbing. Per Permit condition C.6.(c), the Permittee shall annually non-destructively test at least 20% of the steel plate floor's welded seems for failure.

The effective containment capacity of the storage area is 18,360 gallons. The maximum container capacity in the East Warehouse Container Storage Area is 50,380 gallons of containerized waste.

The East Pad No Free Liquids (NFL) Container Storage Area is located outside on concrete along the southern fence line within a yellow striped area. The entire East Pad area is paved with concrete and the NFL area is located on a small portion of the East Pad area. Containers stored here generally are 55 gallon drums. The East Pad NFL Container Storage Area is used for storage of wastes which contain no free liquids and, therefore, is not required to have a containment system under OAC Rule 3745-55-75(C). The maximum storage capacity is 19,800 gallons of containerized, no free liquids containing hazardous waste.

The maximum combined storage capacity of the East Warehouse Container Storage Area and The East Pad NFL Container Storage Area is 68,695 gallons of containerized waste.

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C.1 Container Storage/ Quantity Limitation

- (a) The Permittee is authorized to store 68,695 gallons of hazardous waste at any given time in the permitted container areas located in the East Warehouse Container Storage Area, the East Pad outdoors no free liquids storage area, and the staging areas.

There are two staging areas at the facility. One staging area is located on the containerized truck loading/unloading pad. After containers of hazardous waste are removed from a trailer van, they are staged on the containerized truck loading/unloading pad awaiting sample analysis results. Once waste analysis is completed, the containers are moved into storage.

A second staging area is located in the Process Building. Drums are staged here prior to being pumped into processing tanks for the thin film evaporators, also called the LUWAs.

The Permittee must store hazardous waste in the types of containers (size and type) described in Section D of the permit application. The Permittee may not store containers for more than one year.

- (b) For the purpose of compliance with the capacity limitation of this permit, each container will be considered to be storing an amount of hazardous waste equal to its capacity, regardless of the actual quantity stored in the container.
- (c) Permit Conditions C.1(a) and C.2 shall not apply to the Permittee's activities as a generator accumulating hazardous waste on-site in compliance with OAC Rule 3745-52-34.

However, when accumulating waste within the permitted container storage area, in accordance with OAC Rule 3745-52-34, the Permittee must not, for the total amount of hazardous waste stored and accumulated, exceed the maximum container storage inventory established under this permit condition.

C.2 Reserved.

C.3 Waste Identification

The Permittee must store in containers only the hazardous waste codes specified below:

OHIO EPA DHWM

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Module D

Modified Terms and Conditions

(Pages 34-44 of 79)

Hukill Chemical Corporation

OHD 001 926 740

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MODULE D - TANK STORAGE, TREATMENT AND MANAGEMENT

D. MODULE HIGHLIGHTS

The Permittee has a total of twenty (20) hazardous waste storage tanks. Five (5) of the twenty (20) tanks are storage and treatment tanks. All the tanks are above ground tanks and are provided with secondary containment.

Two storage and treatment tanks are located in the East Warehouse Container Storage Area. The East Warehouse secondary containment system is constructed to contain 100% of the capacity of these tanks as well as ten percent of the total volume of all containers located in the storage area. Another two storage and treatment tanks, the 2,900 gallon agitated feed tanks, are located inside the Distillation Processing Area. One storage and treatment tank is located in the 7-Tank Dike.

The remaining tanks have been provided with a secondary containment system constructed of a concrete liner external to the tanks, or, for one containment system, a steel liner external to the tanks. The concrete liners have been provided with an impermeable coating to make the secondary containment system impermeable to the waste. The containment system for all tanks is constructed to contain 100% of capacity of the largest tank within its boundary as required by Ohio law.

All storage tanks are protected from over-filling by using a manual shut-off system and are equipped with a high level alarm. The Hochmeyer (dispenser) treatment tank is provided with a high level sensor connected to a high level alarm. The Auger treatment tank does not have a high level sensor. The liquid level is controlled visually by the operator running the equipment.

Wastes managed in most tanks are received from off-site generators, but several tanks are routinely used for the storage of still bottoms from the thin film evaporators and for the storage of hazardous waste fuel which is generated during the treatment(blending) of hazardous waste in the Hochmeyer and/or Auger tanks.

The Permittee is required to conduct annual thickness testing of the tanks located in the Feeds/Process Dike, tanks 8-3-F, 9-3-F, 10-3-F and 11-3-F, as outlined in Permit Condition D.6.(d).

D.1 Tank Storage Quantity Limitation/Waste Identification

- (a) The Permittee may store a total volume of 179,850 gallons of hazardous waste in 20 tanks, subject to the terms of this permit and as detailed in the

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table below.

The Permittee shall store in tanks only the hazardous waste codes specified in the permit application and summarized below:

D001 D002 D003 D004 D005 D006 D007 D008 D009 D010 D011 D012
D013 D014 D015 D016 D017 D018 D019 D020 D021 D022 D023 D024
D025 D026 D027 D028 D029 D030 D031 D032 D033 D034 D035 D036
D037 D038 D039 D040 D041 D042 D043

F001 F002 F003 F004 F005 F006 F019 F024 F025 F037 F038 F039

K009 K010 K014 K015 K016 K017 K018 K019 K020 K021 K022 K023 K024
K025 K026 K028 K029 K030 K048 K049 K050 K051 K052 K060 K061 K083
K085 K086 K087 K093 K094 K095 K096 K103 K104 K105 K136 K141 K142

U002 U004 U007 U008 U017 U019 U021 U023 U024 U025 U027 U028
U029 U031 U032 U037 U039 U043 U044 U045 U046 U047 U048 U051
U052 U055 U056 U057 U066 U067 U068 U069 U070 U071 U072 U075
U076 U077 U079 U080 U081 U082 U083 U088 U089 U092 U101 U102
U107 U112 U113 U117 U118 U121 U122 U123 U127 U131 U132 U134
U140 U144 U145 U146 U147 U153 U154 U159 U161 U162 U165 U166
U167 U168 U169 U171 U182 U183 U184 U188 U190 U191 U196 U201
U207 U208 U209 U210 U211 U213 U220 U221 U225 U226 U227 U228
U235 U238 U239 U328 U353 U359

Tank No.	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description Of Hazardous Waste	Hazardous Waste No.
Hazardous Waste Tank Farm					See Condition D.1(a)
T57, T58, T59, T61, T62	14,000	10.5 ft (diam) x 24	Yes- in place	Waste Organic Solvents	See Condition D.1(a)
T56, T60	14,000	12 ft (diam) x 15 ft 7 in	Yes- in place	Waste Organic Solvents	See Condition D.1(a)
Feed & Bottoms Storage Dike					
T55	16,000	10.5 ft (diam) x 23 ft 1 in	Yes- in place	Waste Organic Solvents	See Condition D.1(a)
T52, T53	6,000	8 ft (diam) x 15 ft 2 in	Yes- in place	Waste Organic Solvents	See Condition D.1(a)
HW Fuels Dike					
T15	9,500	9.5ft (diam) x 19 ft	Yes- in place	Waste Organic Solvents	See Condition D.1(a)
T14	10,000	10 ft (diam) x 15 ft	Yes- in place	Waste Organic Solvents	See Condition D.1(a)
T16	6,000	10.5 ft (diam) x 8 ft 2 in	Yes-in place	Waste Organic Solvents	See Condition D.1(a)
T13	15,000	10 ft (diam) x 32 ft	Yes-in place	Waste Organic Solvents	See Condition D.1(a)
Feed/Process Dike					
8-3-F, 9-3-F, 10-3-F, 11-3-F	2,900	7 ft (diam) x 10 ft	Yes-in place	Waste Organic Solvents	See Condition D.1(a)
**Fuels Blending				Waste Organic Solvents	See Condition D.1(a)
Hochmeyer	1,000	6 ft (diam) x 5 ft	Yes-in place	Waste Organic Solvent and pumpable semi-solids	See Condition D.1(a)
Auger	750	5 ft (diam) x 5 ft	Yes-in place	Waste Organic Solvent and pumpable semi-solids	See Condition D.1(a)

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- (b) During any calendar year, the Permittee must not manage through tank storage hazardous waste in excess of the maximum annual quantity set forth in Permit Condition B.1(b).
- (c) The Permittee is prohibited from storing K062 hazardous waste in any of the hazardous waste storage tanks.
- (d) The Permittee is prohibited from storing hazardous waste with the waste codes K025 and K026 in the Hochmeyer and the Auger tanks.

D.2. Limitations on Treatment of Hazardous Waste in Tanks

- (a) The Permittee is authorized to treat hazardous waste in the tanks specified in the table below. The Permittee is limited to processing 27,500 gallons per day of hazardous waste through the Auger tank, 63,000 gallons per day of hazardous waste through the Hochmeyer tank, 2,900 gallons per day of hazardous waste through Tank 10-3-f, 2,900 gallons per day of hazardous waste through Tank 11-3-f and 14,000 gallons of hazardous waste through tank T56. The Permittee shall treat in tanks only the hazardous waste codes specified in the permit application and summarized below:

D001 D002 D003 D004 D005 D006 D007 D008 D009 D010 D011 D012
D013 D014 D015 D016 D017 D018 D019 D020 D021 D022 D023 D024
D025 D026 D027 D028 D029 D030 D031 D032 D033 D034 D035 D036
D037 D038 D039 D040 D041 D042 D043

F001 F002 F003 F004 F005 F006 F019 F024 F025 F037 F038 F039

K009 K010 K014 K015 K016 K017 K018 K019 K020 K021 K022 K023 K024
K028 K029 K030 K048 K049 K050 K051 K052 K060 K061 K083 K085 K086
K087 K093 K094 K095 K096 K103 K104 K105 K136 K141 K142

U002 U004 U007 U008 U017 U019 U021 U023 U024 U025 U027 U028
U029 U031 U032 U037 U039 U043 U044 U045 U046 U047 U048 U051
U052 U055 U056 U057 U066 U067 U068 U069 U070 U071 U072 U075
U076 U077 U079 U080 U081 U082 U083 U088 U089 U092 U101 U102
U107 U112 U113 U117 U118 U121 U122 U123 U127 U131 U132 U134
U140 U144 U145 U146 U147 U153 U154 U159 U161 U162 U165 U166
U167 U168 U169 U171 U182 U183 U184 U188 U190 U191 U196 U201
U207 U208 U209 U210 U211 U213 U220 U221 U225 U226 U227 U228
U235 U238 U239 U328 U353 U359

Tank No.	Capacity (Gallons)	Treatment Type	Dimensions of Tank	Secondary Containment Required	Description Of Hazardous Waste	Hazardous Waste No.
Hochmeyer	1,000	Mixing Dispersion	6 ft (diam) x 5 ft	Yes-in place	Waste Organic Solvent and pumpable semi-solids	See Condition D.1(a)
Auger	750	Shearing dispersion	5 ft (diam) x 5 ft	Yes-in place	Waste Organic Solvent and pumpable semi-solids	See Condition D.1(a)
10-3-F	2,900	Blending, Mixing, Separation	7 ft (diam) x 10 ft	Yes-in place	Waste Organic Solvents	See Condition D.1(a)
11-3-F	2,900	Blending, Mixing, Separation	7 ft (diam) x 10 ft	Yes-in place	Waste Organic Solvents	See Condition D.1(a)
T56	14,000	Blending, Mixing, Separation	12 ft (diam) x 15 ft 7 in	Yes-in place	Waste Organic Solvents	See Condition D.1(a)

- (b) The Permittee is prohibited from storing and treating hazardous waste with the waste codes K025, K026, and K062 in the Hochmeyer and the Auger tanks.
- (c) The provision of Condition D.2(a) shall not apply to the Permittee's activities as a generator treating hazardous waste in tanks on-site in compliance with the provisions of OAC Rule 3745-52-34. However, when treating waste in tanks in accordance with OAC Rule 3745-52-34, the Permittee shall not, for the total amount of hazardous waste treated, exceed the maximum throughput capacity established under this Condition.

D.3 Design and Installation of New Tank Systems or Components
 OAC Rule 3745-55-92

- (a) The Permittee must construct any future new tank systems in accordance with Section D of the permit application.
- (b) Prior to operation of the newly constructed tank system, the Permittee must submit the certification of installation of the tank system in accordance with 3745-55-92(B) to ensure that proper handling procedures were adhered to in order to prevent damage to the system during installation.

D.4 Containment and Detection of Releases.
OAC Rule 3745-55-93

(a) New Tank Systems

The Permittee must construct and operate the secondary containment system in accordance with requirements of 3745-55-93(B) through (F), and Section D of the permit application.

New tanks at the facility are T-13, T-56, T-57, T-58, T-59, T-60, T-61 and T-62; tanks 8-3-F, 9-3-F, 10-3-F and 11-3-F; Hochmeyer tank and Auger tank.

- (b) Existing Tank Systems with Secondary Containment. The Permittee must design, construct, and operate the secondary containment system, in accordance with the detailed design plans and descriptions contained in the permit application.

Existing tanks at the facility are: T-52, T-53 and T-55; T-14, T-15, T-16.

D.5 Operating Requirements
OAC Rule 3745-55-94

- (a) The Permittee must not place hazardous wastes or treatment reagents in the tank system if they could cause the tank, its ancillary equipment, or a containment system to rupture, leak, corrode, or otherwise fail.
- (b) The Permittee must prevent spills and overflows from the tank or containment systems using the methods described in the permit application. The Permittee must comply with the requirements of OAC Rule 3745-55-96 if a leak or spill occurs in the tank system.

D.6 Inspection Schedules and Procedures
OAC Rule 3745-55-95

- (a) The Permittee must inspect the tank systems, in accordance with the Inspection Schedule found in Section F of the permit application and must complete the items in Permit Conditions D.6(b) and D.6(c) as part of those inspections:
- (b) The Permittee must inspect the overfill controls, in accordance with the procedure and schedule in the permit application.
- (c) The Permittee must inspect the following components of the tank system

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once each operating day:

- (i) Aboveground portions of the tank system, if any, to detect corrosion or releases of waste;
 - (ii) Data gathered from monitoring and leak detection equipment (e.g., pressure or temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; and
 - (iii) Construction materials and the area immediately surrounding the externally accessible portion of the tank system, including the secondary containment system, to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation).
- (d) The Permittee shall annually inspect the tank wall thickness of the Feed/Process Tanks: 8-3-F, 9-3-F, 10-3-F, and 11-3-F, using an ultrasound testing method and provide the inspection report to the Ohio EPA.

At a minimum this inspection report shall include the following items:

- (i) Test Standard (e.g., ASME SA-435/SA-435M, ASTM A 435/A 435M-82);
- (ii) Test Apparatus;
- (iii) Test Conditions;
- (iv) Test Procedure;
- (v) Drawings showing locations of the test points on the grid;
- (vi) Field Report showing materials of construction, joints details, construction details and thickness readings; and
- (vii) Test Results showing calculations.

When available, Manufacturer's Data Report for the tank must be included.

If a point on any tank exhibits a thickness of less than 0.095 inch then the tank shall be immediately taken out of service.

- (e) The Permittee must document compliance of Permit Condition D.6 in the operating record of the facility.

D.7 Response to Leaks or Spills
OAC Rule 3745-55-96

(a) In the event of a leak or a spill from the tank system, from a secondary containment system, or if a system becomes unfit for continued use, the Permittee must remove the system from service immediately and complete the following actions:

- (i) Immediately stop the flow of hazardous waste into the tank system or secondary containment system and inspect the system to determine the cause of the release.
- (ii) If the release was from the tank system, the owner/operator must, within twenty-four hours after detection of the leak, or, if the owner/operator demonstrates that it is not possible, at the earliest practicable time, remove as much of the waste as is necessary to prevent further release of hazardous waste to the environment and to allow inspection and repair if the tank system to be performed.

If the material released was to a secondary containment system, all released materials must be removed within twenty-four hours or in as timely a manner as possible to prevent harm to human health and the environment.

- (iii) The Permittee must immediately conduct a visual inspection of all releases to the environment and based on that inspection: (1) prevent further migration of the leak or spill to soils or surface water and (2) remove and properly dispose of any visible contamination of the soil or surface water.

(b) Unless the requirements of Permit Conditions D.7(b)(i) through D.7(b)(vi) are satisfied, the Permittee must close its tank system in accordance with OAC Rule 3745-55-97 and its closure plan if there has been a leak or spill from the tank system, from a secondary containment system, or if a system becomes unfit for continual use.

- (i) For a release caused by a spill that has not damaged the integrity of the system, the Permittee must remove the released waste and make any necessary repairs to fully restore the integrity of the system before returning the tank system to service.
- (ii) For a release caused by a leak from the primary tank system to the

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secondary containment system, the Permittee must repair the primary system prior to returning it to service.

- (iii) If the Permittee replaces a component of the tank system to eliminate the leak, that component must satisfy the requirements for new tank systems or components in OAC Rules 3745-55-92 and 3745-55-93.
- (c) For all major repairs (e.g., installation of an internal liner, repair of a ruptured tank, or repair or replacement of a secondary containment vault) to eliminate leaks or restore the integrity of the tank system, the Permittee must obtain a certification by an independent, qualified, registered professional engineer in accordance with OAC Rule 3745-50-42(D) that the repaired system is capable of handling hazardous wastes without release for the intended life of the system before returning the system to service. This certification must be submitted to the Director within seven days after returning the tank system to use.

D.8 Recordkeeping and Reporting

OAC Rules 3745-55-96, 3745-55-91(A), and 3745-55-92(G)

- (a) The Permittee must report to the Director, within 24 hours of detection, when a leak or spill occurs from the tank system or secondary containment system to the environment. A leak or spill of one pound or less of hazardous waste, that is immediately contained and cleaned-up, need not be reported. Releases that are contained within a secondary containment system need not be reported.
- (b) Within 30 days of detecting a release to the environment from the tank system or secondary containment system, the Permittee must report the following information to the Director:
 - (i) Likely route of migration of the release;
 - (ii) Characteristics of the surrounding soil (including soil composition, geology, hydrogeology, and climate);
 - (iii) Results of any monitoring or sampling conducted in connection with the release. If the Permittee finds it will be impossible to meet this time period, the Permittee should provide the Director with a schedule of when the results will

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be available. This schedule must be provided before the required 30-day submittal period expires;

- (iv) Proximity of downgradient drinking water, surface water, and populated areas; and
 - (v) Description of response actions taken or planned.
- (c) The Permittee must obtain, and keep on file at the facility, the written statements by those persons required to certify the design and installation of the tank system.
- (d) The Permittee must keep on file at the facility the written assessment of the tank system's integrity.

D.9 Closure and Post-Closure Care
OAC Rule 3745-55-97

- (a) At closure of the tank system(s), the Permittee must follow the procedures in the closure plan in Section I of the permit application.
- (b) If the Permittee demonstrates that not all contaminated soils can be practically removed or decontaminated, in accordance with the closure plan, then the Permittee must close the tank system(s) and perform post-closure care following the contingent procedures in the closure plan and in the post-closure plan.

D.10 Special Tank Provisions for Ignitable or Reactive Wastes
OAC Rule 3745-55-98

- (a) The Permittee must not place ignitable or reactive waste in the tank system or in the secondary containment system, unless the procedures specified in the permit application are followed. The Permittee must document compliance with this condition and place it in the operating record.
- (b) The Permittee must comply with the requirements for the maintenance of protective distances between the waste management area and any public ways, streets, alleys, or an adjoining property line that can be built upon, as required in Tables 2-1 to 2-6 of the National Fire Protection Association's "Flammable and Combustible Liquids Code" (1996 or most recent edition) incorporated by reference in OAC Rule 3745-50-11.

D.11 Special Tank Provisions for Incompatible Wastes
OAC Rule 3745-55-99

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- (a) The Permittee must not place incompatible wastes, or incompatible wastes and materials, in the same tank system or the same secondary containment system, unless the procedures specified in the permit application are followed. The Permittee must document compliance with this condition and place that documentation into the operating record.
 - (b) The Permittee must not place hazardous waste in a tank system that has not been decontaminated and that previously held an incompatible waste or material, unless the requirements of Permit Condition D.11(a) are met.

D.12 Reserved.

Revised application pages and supporting documents

OHIO EPA DHWM

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ATTACHMENT 5 - Table D-1

Table D-1
Tank Storage

GPO LTA DEWMI

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RCRA Tanks

Tank No.	Volume/Capacity	Size	Shell Thickness	Minimum Thickness Tank Taken Out of Service	Materials of Construction	Tank Location Containment Area
8-3-F	3,000 Gal	7' x 10' high	7 GA	0.095"	Steel	Process Area Dike
9-3-F	3,000 Gal	7' x 10' high	7 GA	0.095"	Steel	Process Area Dike
10-3-F	3,000 Gal	7' x 10' high	7 GA	0.095"	Steel	Process Area Dike
11-3-F	3,000 Gal	7' x 10' high	7 GA	0.095"	Steel	Process Area Dike
13	15,000 Gal	10' x 27' high	3/8"	0.1033"	Carbon Steel	F-1 dike
14	10,000 Gal	10' x 15' high	1/4"	0.0328"	Carbon Steel	F-1 dike
15	9,500 Gal	9.5' x 19' high	1/4"	0.0328"	Carbon Steel	F-1 dike
16	6,000 Gal	10.5' x 8' 2" high	1/4"	0.0328"	Carbon Steel	F-1 dike
52	6,000 Gal	8' x 15' 2" high	1/4"	0.0464"	Carbon Steel	Bottom/Feed Dike
53	6,000 Gal	8' x 15' 2" high	1/4"	0.0464"	Carbon Steel	Bottom/Feed Dike
55	16,000 Gal	10.5' x 23' 1" high	1/4"	0.131"	Carbon Steel	Bottom/Feed Dike
56	14,000 Gal	12' x 15' 7" high	3/16"	0.071"	Carbon Steel	F-7 Dike
57	14,000 Gal	10.5' x 24' high	3/8"	0.0233"	Carbon Steel	F-7 Dike
58	14,000 Gal	10.5' x 24' high	3/8"	0.0233"	Carbon Steel	F-7 Dike
59	14,000 Gal	10.5' x 24' high	3/8"	0.0233"	Carbon Steel	F-7 Dike
60	14,000 Gal	10.5' x 15' 7" high	3/8"	0.0233"	Carbon Steel	F-7 Dike
61	14,000 Gal	10.5' x 24' high	3/8"	0.0233"	Carbon Steel	F-7 Dike
62	14,000 Gal	10.5' x 24' high	3/8"	0.0233"	Carbon Steel	F-7 Dike
Hockmeyer tank	1,000 gal	6' x 5' high	1/4"	0.05"	Steel	Fuels Processing Area
Auger Mix Tank	759 gal	5' x 5' high	1/4"	0.05"	Steel	Fuels Processing Area