

58-0192

3885-W

NARRATIVE DESCRIPTION

FOR

Rex White Hog Farm
(swine)

ENGINEER: Charles McCool PERMIT NO.: 3885-W DATE: Nov. 28, 1989

THIS IS A NO-DISCHARGE PERMIT. Swine waste/wastewater shall not be discharged to the waters of the State or onto the land in any manner which may result in runoff to the waters of the State except as specified in the permit and application.

Rex White plans to construct waste containment for an existing hog transfer station near Russellville in Pope County, Section 33, Township 8N, Range 19W. Confinement shall be in a fully covered building for an average of one day per month.

Manure from the building shall be flushed with 1,000 gallons of water per month into two 1,000 gallon concrete tanks. The tanks have a capacity in excess of 30 days.

Swine waste from the holding tanks shall be land applied by sprinkler irrigation or honeywagon onto bermuda pasture to limit nitrogen application to 150 lb N/acre-year. Swine waste shall be applied only to the following application sites:

<u>Name</u>	<u>Sec.</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
Rex White	33	8N	19W	4
			Total	4

A total of two acres of pasture is needed with total land available at four acres.

Conditions 10 through 17 of the permit stipulate to Rex White the design and management conditions necessary to properly contain and dispose of the swine waste in order to comply with the permit and prevent pollution of the waters of the State.

PERMIT

Issued by

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

8001 National Drive
Little Rock, Arkansas 72209

Permit No. 3885-W

Effective Date 01/15/90

To: Rex White
d/b/a White Farm
P.O. Box 1205
Russellville, AR 72801

Consulting Engineers:
USDA - Soil Conservation Service
2801 Briarcliff
Ft. Smith, AR 72903

This permit is your authority to construct, operate, and maintain the waste disposal system set forth in your application dated 5/08/89. This permit is issued subject to the provisions of the Arkansas Water and Air Pollution Control Act (A.C.A. Sec. 8-4-101 et seq.) and the following terms and conditions

1. The disposal system shall be constructed in accordance with the final plans and specifications as approved by the Department of Pollution Control and Ecology.
2. This permit shall automatically terminate unless construction of the disposal system has been commenced within 6 months of the date hereof and completed with all reasonable diligence. The Department shall be notified in writing when the disposal system has been completed in order that it may be inspected.
3. The disposal system shall be operated by qualified personnel and maintained in good operating condition at all times.
4. By-passing of the disposal system is prohibited and will result in revocation of this permit and/or other appropriate enforcement action by the Department.
5. There shall be no increase in the volume or strength of the waste being treated by the disposal system except within design limits covered by the plans and specifications approved by the Department. No extension or modification of the disposal system may be made without the issuance of a new permit.
6. This permit may be revoked or modified whenever it is necessary, in the opinion of the Department, to prevent or abate pollution of any waters of the State.
7. Nothing herein contained shall be construed as releasing the permittee from any liability for damage to persons or property by reason of the installation, maintenance or operation of the disposal system.
8. This permit is issued in reliance upon the statements and representations made in the application and the plans and specifications, and the Department has no responsibility for the adequacy or proper functioning of the disposal system.
9. PLEASE NOTE ADDITIONAL CONDITIONS ON ATTACHED SHEET.

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

by Ronald Mathis
Director

Date 12/15/89

Permit No. 3885-W

Rex White

10. SWINE WASTE/WASTEWATER SHALL NOT BE DISCHARGED TO THE WATERS OF THE STATE OR ONTO THE LAND IN ANY MANNER WHICH MAY RESULT IN RUNOFF TO THE WATERS OF THE STATE EXCEPT AS SPECIFIED HEREIN.
11. The permittee shall comply with all applicable permit fee requirements for state permits as described in ADPC&E Regulation No. 9 (Regulation for the Fee System for Environmental Permits). Failure to promptly remit all required fees shall be grounds for the Director to initiate action to terminate this permit under the provisions of ADPC&E Regulation No. 8.
12. The Department reserves the right to require additional measures, as necessary, to eliminate public nuisance conditions.
13. The owner shall take all reasonable and necessary measures to minimize obnoxious and offensive odors.
14. Dead animals shall be disposed as specified in the application and in a manner approved by the Arkansas Department of Health. Burial pits shall not be located within 50 feet of rock outcrops; 100 feet of property lines; 300 feet of streams, ponds, lakes, springs, sinkholes, wells, and water supplies; 100 feet of intermittent streams; 500 feet of neighboring occupied buildings.
15. Appropriate waste handling equipment shall be available for effective operation of the system.
16. The following conditions apply to the operation and construction of the waste holding tanks.
 - A. Freeboard on the holding tanks shall be maintained at a minimum of six inches.
 - B. Solid material accumulated in the holding tanks shall be removed as necessary to maintain the tanks' design volume.

17. The following conditions apply to the land application of swine waste.
 - A. Swine waste shall be evenly distributed over application sites at the rates specified in site management plans.
 - B. Land application of swine waste shall not be undertaken when soil is saturated, frozen or covered with snow, or during rainy weather or when precipitation is in the immediate forecast.
 - C. Swine waste shall not be applied on slopes with a grade of more than 15% or in any manner that will allow waste to enter the waters of the State.
 - D. Surface and subsurface application of swine waste shall not be made within 25 feet of rock outcrops; 50 feet of property lines; 300 feet of streams, ponds, lakes, springs, sinkholes, wells, and water supplies; 100 feet of intermittent streams; 500 feet of neighboring occupied buildings. If spray irrigation equipment is used, these buffer zones shall be extended 100 feet.
 - E. Records shall be kept of all swine waste applied. These records shall be kept in sufficient detail to determine application rate. A log shall be kept of all swine waste leaving the permittee's immediate property. The log should include date, weight and/or volume of load, destination and acreage over which the load was spread.
 - F. All new application sites must have a site management plan approved by the Department; however, waste may be spread on a new site once and only once before the management plan is approved, provided:
 1. Waste is spread in accordance with the terms of this permit.
 2. The site management plan is completed and approved before a second application of waste is spread.
 3. The site does not receive waste from any other source.



STATE OF ARKANSAS

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

8001 NATIONAL DRIVE, P.O. BOX 9583
LITTLE ROCK, ARKANSAS 72209

CERTIFIED MAIL: P 844 038 887
RETURN RECEIPT REQUESTED

PHONE: (501) 562-7444

December 15, 1989

Rex White
d/b/a White Farm
P.O. Box 1205
Russellville, AR 72801

Dear Mr. White:

The enclosed permit (No. 3885-W) is your authority to construct, operate and maintain the waste disposal system as set forth in your application dated May 8, 1988.

After considering the facts and requirements of the Arkansas Water and Air Pollution Control Act (A.C.A. Sec. 8-4-101 et seq) and implementing regulations, I have determined that Permit No. 3885-W for the construction, operation and maintenance of a water pollution control system for White Hog Farm transfer station be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under Section 4, Part III, of Regulation No. 8, Arkansas Department of Pollution Control and Ecology Administrative Procedures, within 30 days after service of this decision.

All persons submitting written comments during this 30 day period, and all other persons entitled to do so, may request an adjudicatory hearing and Commission review on whether the decision of the Director should be reversed or modified. Such a request shall be in the form and manner required by Section 4, Part III, of Regulation No. 8.

Please give special attention to condition Nos. 10 through 17. We bring this to your attention as the Department has been receiving numerous complaints from existing confined animal operations and strict adherence to these conditions should help minimize problems which might otherwise arise. At the present time, the technology is not adequate to allow an odor free, nonpolluting facility unless the best operational controls and management are practiced.

Sincerely,

Randall Mathis
Director

RM/kc

Enclosure

cc: Arkansas Department of Health - Division of Engineering