

AI #2444
Gnp20050001



Mississippi Department of Environmental Quality
Office of Pollution Control - Environmental Permits Division
POST OFFICE BOX 10385 • JACKSON, MS 39289-0385
TEL: (601) 961-5171 • FAX: (601) 354-6612
www.deq.state.ms.us



NOTICE OF INTENT (NOI)
FOR COVERAGE UNDER THE MULTIMEDIA GENERAL
PERMIT INCLUDING NPDES REQUIRMENTS FOR EXISTING
SWINE CONCENTRATED ANIMAL FEEDING OPERATIONS
GENERAL PERMIT NUMBER MSG160004
(Number to be assigned by State)

INSTRUCTIONS

APPLICANT MUST BE THE OWNER AND/OR OPERATOR OF THE PROPERTY ASSOCIATED WITH THE REGULATED ACTIVITY. ALL SUBMITTALS MUST INCLUDE THE FOLLOWING:

- A USGS QUAD MAP OR A COPY SHOWING THE SITE LOCATION
- A SITE DRAWING

USGS QUAD MAPS SUBMITTED MUST EXTEND AT LEAST ONE MILE BEYOND THE PROPERTY BOUNDARIES OF THE FACILITY AND MUST CLEARLY SHOW ALL SPRINGS AND SURFACE WATER BODIES IN THE AREA, PLUS ALL DRINKING WATER WELLS WITHIN ¼ MILE OF THE FACILITY. ADDITIONALLY, ALL PUBLIC DRINKING WELLS WITHIN ONE MILE OF THE FACILITY MUST BE IDENTIFIED.

THE SITE DRAWING MUST SHOW THE PROPERTY BOUNDARIES AND MUST INDICATE THE APPROXIMATE LOCATION OF EACH EXISTING AND PROPOSED STRUCTURE (BARN, LAGOON, INCINERATOR, DEAD BOX, LAND APPLICATION FIELD, COMPOSTING AREA, ETC). THE SITE DRAWING MUST INCLUDE A COMPASS DIRECTION HEADER.

AN UPDATED NUTRIENT MANAGEMENT PLAN MUST BE SUBMITTED WITHIN 180 DAYS OF COVERAGE.

ALL FORMS MUST BE SUBMITTED TO: CHIEF, ENVIRONMENTAL PERMITS DIVISION, MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY, P.O. BOX 10385, JACKSON, MISSISSIPPI 39289-0385.

ALL QUESTIONS MUST BE ANSWERED. FOR THIS APPLICATION TO BE CONSIDERED, ALL QUESTIONS ON THIS FORM MUST BE ANSWERED. IF AN ITEM DOES NOT APPLY, ENTER "N/A" (NOT APPLICABLE) TO SHOW THAT YOU CONSIDERED THE QUESTION.

I. GENERAL INFORMATION:

CONTACT AND FACILITY INFORMATION

Name of Owner: Michael W. Shinn

Facility Name: M and N Nurseries Inc.

Mailing Address:

Street or P.O. Box: 10432 Joe Stevens Rd.

City: Cedar Bluff State: Ms. Zip: 39741

Physical Site Address: (If the physical address is not available indicate the nearest named road or intersection.)

Street (can not be a P.O. Box) 10432 Joe Stevens Rd.

City: Cedar Bluff State: Ms Zip: 39741

County: Clay

Latitude (degrees/min/sec): 33° 44' 29"

Longitude (degrees/min/sec): 88° 56' 36"

Nearest named receiving stream: Standing Reed Creek

Facility Telephone No. (Include Area Code): 662-494-2327

Facility Fax No. (Include Area Code): 662-494-2327

Facility Cell Phone No. (Include Area Code): N/A

Other Contact Phone Numbers (Include Area Code): 662-295-0501

TYPES OF ACTIVITY

Check all that apply:

☐ Sow swine operation

☐ Feeder swine operation

☒ Nursery swine operation

☒ Construction and/or operation of an incinerator

II. CONCENTRATED SWINE FEEDING OPERATION CHARACTERISTICS:

TYPE AND AMOUNT OF SWINE (SIC 0213)

Check all that apply and indicate the amounts

	Under Roof	Confinement
<input type="checkbox"/> Sow	_____	_____
<input type="checkbox"/> Feeder/Finishing	_____	_____
<input checked="" type="checkbox"/> Nursery	_____	<u>7,360 hd.</u>

BEST MANAGEMENT PRACTICES (BMP)

Check any of the following BMPs that will be implemented to control runoff and protect water quality

- ☒ Buffers
- ☒ Setbacks
- ☐ Conservation tillage
- ☐ Constructed wetland
- ☐ Infiltration field
- ☐ Grass filter
- ☐ Terrace

TYPES OF CONTAINMENT, STORAGE, AND CAPACITY

Check all that apply and indicate total days of storage and their capacity

Type of Containment	Total Capacity (in gallons)
<input checked="" type="checkbox"/> Lagoon	<u>4,462,840.4 gal, 180 days</u>
<input type="checkbox"/> Holding Pond	
<input type="checkbox"/> Evaporation Pond	
<input checked="" type="checkbox"/> Other: Specify <u>methane digester</u>	<u>813,886 gal 365 days</u>
Total number of acres from production area contributing to drainage: <u>35</u> acres	

TYPES OF CONTAINMENT, STORAGE, AND CAPACITY (CONTINUED)

Check all that apply and indicate total days of storage and their capacity

Type of Storage	Total Number of Days	Total Capacity (gallons or tons)
<input checked="" type="checkbox"/> Anaerobic Lagoon	180 days	4,462,840.4 gals
<input type="checkbox"/> Storage Lagoon		
<input type="checkbox"/> Evaporation Pond		
<input type="checkbox"/> Aboveground Storage Tank		
<input type="checkbox"/> Belowground Storage Tank		
<input type="checkbox"/> Roofed Storage Shed		
<input type="checkbox"/> Concrete Pad		
<input type="checkbox"/> Impervious Soil Pad		
<input checked="" type="checkbox"/> Other: Specify <u>methane digester</u>	365 days	813,886 gals

CONTRACT INFORMATIONIs this facility a contract operation? ☒ Yes ☐ No

If yes, what is the name and address of the integrator?

Name: Pierage FarmsAddress: ¹⁵⁵⁰W. Churchill Rd. West Pt.**ATTACHMENTS**

- ☒ Attach an USGS quad map or copy that extends at least one mile beyond the property boundaries of the facility and clearly show all springs and surface water bodies in the area, plus all drinking water wells within 1/4 mile of the facility. Additionally, all public drinking wells within one mile of the facility must be identified. Quad maps can be obtained from MDEQ Office of Geology at (601) 961-5523.
- ☒ Attach a site drawing showing the property boundaries and must indicate the approximate location of each existing and proposed structure (house, incinerator, dead box, land application field, composting area, etc). The site drawing must include a compass direction header.

NUTRIENT MANAGEMENT PLAN

Answer the following

Has a nutrient management plan been developed?

☒ Yes

☒ No

If yes, when was the nutrient management plan submitted?

Date: _____

If no, when will the nutrient management plan be developed?

Date: April 1, 2006

Is a nutrient management plan already being implemented for the facility?

☒ Yes

☐ No

The date of the last revision of the nutrient management plan.

Date: Oct, 1998

What is the estimated amount of manure and wastewater generated per year?

3089 tons

805,950 gallons

Minimum acreage needed for land application of manure and wastewater:

23

Total acreage available for land application of manure and wastewater:

35

Will a third party remove manure and wastewater off site?

☐ Yes

☒ No

If yes, how much manure and wastewater will be transferred to other persons per year?

N/A tons

N/A gallons

If not land applying, describe alternative use(s) of the manure and wastewater:

N/A

III. CONSTRUCTION AND/OR OPERATION OF A SWINE MORTALITY INCINERATOR

☐ Check this box if this section does not apply

NOTE: Coverage for construction and/or operation of mortality incinerators is for incinerators that have previously submitted approved stack test. For a list of incinerators that have approved stack tests on file please visit http://www.deq.state.ms.us/MDEQ.nsf/page/epd_AgriculturalBranchEPD?OpenDocument or call (601) 961-5171.

Carcasses generated at facilities other than the one identified in this NOI are not permitted for incineration under this coverage. Only carcasses generated on site are permitted for incineration. All other materials such as leaves, trash, and construction debris, are strictly forbidden.

MANUFACTURER'S INFORMATION

Manufacturer Name: R and K

Model Number: 367-2 #36

Capacity (tons/hour): 0.035 T/hr

TYPE OF INCINERATOR

☐ Single chamber

☒ Multiple chambers

☐ Other, describe _____

TOTAL NUMBER OF INCINERATORS AND THEIR DATES OF CONSTRUCTION

Total number of incinerators on site: 1

Please provide the manufacture date for each incinerator and indicate the latitude and longitude coordinates where installed on site in degrees, minutes, and seconds.

Date(s): Aug 15, 2002

Latitude: 33° 44' 29"

Longitude: 88° 56' 36"

Latitude: _____

Longitude: _____

Latitude: _____

Longitude: _____

Latitude: _____

Longitude: _____

FUEL TYPE AND INCINERATOR TEMPERATURE RANGE

Fuel Type: Fuel Oil

If fuel oil is burned, what is the sulfur content of the oil? 0.5 %


Incinerator operating temperature range 1350 °F

V. CERTIFICATION

Note: This application shall be signed according to the General Permit, page 3, as follows:

- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.

I certify that to the best of my knowledge and belief formed after reasonable inquiry, the statements and information in this application are true, complete, and accurate, and that as a responsible official, my signature shall constitute an agreement that the applicant assumes the responsibility for any alteration, additions, or changes in operation that may be necessary to achieve and maintain compliance with all applicable Rules and Regulations. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature of Responsible Official

Sept 28, 2005
Date

Michael W. Shan
Name of Responsible Official (Printed or Typed)

President M & N Nurseries Inc.
Title