



## Mississippi Department of Environmental Quality

Office of Pollution Control – Environmental Permits Division

POST OFFICE BOX 10385 • JACKSON, MS 39289-0385

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www.deq.state.ms.us



# NOTICE OF INTENT (NOI) FOR COVERAGE UNDER DRY LITTER POULTRY CONCENTRATED ANIMAL FEEDING OPERATIONS

**GENERAL NPDES PERMIT NUMBER MSG15\_0386**

(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 NUTRIENT MANAGEMENT PLAN
- A USGS QUAD MAP OR A COPY SHOWING THE SITE LOCATION
- A SITE DRAWING
- A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), IF THERE IS TO BE CONSTRUCTION WORK TOTALING ONE ACRE OR MORE.

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 (HOUSE, INCINERATOR, DEAD BOX, LAND APPLICATION FIELD, COMPOSTING AREA, ETC). THE SITE DRAWING MUST INCLUDE A COMPASS DIRECTION HEADER.

SUBMIT AT LEAST 180 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION OR PLANNED OPERATIONS. 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: Patricia Towner

Facility Name: Cos Towner Poultry

Mailing Address:

Street or P.O. Box: 1599 Pine Ridge Church Rd.

City: Decatur State: MS Zip: 39327

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) Same as above

City: Decatur State: MS Zip: 39327

County: Newton

Latitude (degrees/min/sec): N 32° 26 . 071'

Longitude (degrees/min/sec): W 089° 12 . 075'

Nearest named receiving stream: Caney Creek

Facility Telephone No. (Include Area Code): 601-635-3620

Facility Fax No. (Include Area Code):

Facility Cell Phone No. (Include Area Code): 601-683-9000

Other Contact Phone Numbers (Include Area Code):

## TYPES OF ACTIVITY

Check all that apply:

☒ Existing dry litter poultry operation

☐ Proposed dry litter poultry operation

☒ Construction and/or operation of an incinerator

☐ New or expanding operations that will require construction activities disturbing one acre or more

## II. CONCENTRATED POULTRY FEEDING OPERATION CHARACTERISTICS:

### TYPE AND AMOUNT OF CHICKENS

Check all that apply and indicate the amounts

☒ Boilers (SIC 0251): 150,000 \_\_\_\_\_

☐ Layers (SIC 0252): \_\_\_\_\_

**TOTAL AMOUNT:** \_\_\_\_\_

☒ Housed under roof

☐ Open confinement

### 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 DRY LITTER CONTAINMENT, STORAGE, AND CAPACITY

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

Type of Storage	Total Number of Days	Total Capacity (tons)
<input checked="" type="checkbox"/> Roofed Storage Shed	180	298
<input type="checkbox"/> Concrete Pad		
<input type="checkbox"/> Impervious Soil Pad		
<input type="checkbox"/> Other: Specify _____		

### SITING CRITERIA

Are all poultry houses, that have been constructed or enlarged after February 24, 1994, at least 600 feet from all occupied dwellings or commercial establishments not owned by the applicant and at least 150 feet from all adjoining property lines? ☒ Yes ☐ No, attach wavier

Are all incinerators at least 150 feet from the nearest residential or recreational area, all dwellings, and all light commercial buildings not owned by the applicant? ☒ Yes ☐ No, attach wavier

**NOTE:** If answered no to any of these questions then attach a completed Poultry Buffer Zone Waiver. The wavier must be completed by all affected property owners and notarized by a State of Mississippi appointed Notary Public. A copy of the Dry Litter Buffer Zone Waiver can be found at [http://www.deq.state.ms.us/MDEQ.nsf/page/epd\\_AgriculturalBranchEPD?OpenDocument](http://www.deq.state.ms.us/MDEQ.nsf/page/epd_AgriculturalBranchEPD?OpenDocument) or call (601) 961-5171.

### CONTRACT INFORMATION

Is this facility a contract operation? ☒ Yes ☐ No

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

Name: Tyson \_\_\_\_\_ Address: Forest, MS 39074 \_\_\_\_\_



## ATTACHMENTS

- X 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.
- X 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: 7/23/2001

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

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: 8/10/2006

What is the estimated amount of litter generated per year? 921 tons/year

Total acreage needed for land application: Refer to worksheet @ bottom of pg.

Total acreage available for land application: 118.5

Will a third party remove litter off site? ☒ Yes ☐ No

(Based on Annual Cleanout)

If yes, how much litter will be transferred to other persons per year? 692.5 tons/yr  
(Based on cake removal only)

If not land applying, describe alternative use(s) of the litter:

\* 240.5 Tons/yr

Type Poultry: Broilers Number 150,000 Avg. Wt. 2.5 lbs Market Wt. 5.0 lbs

Time in house: 46 days/flock 6.0 flocks/yr 276 days/yr

Litter Production: 921 Tons/yr 'Cake' removed: 469 Tons/yr 6 poultry houses

Estimated Overall Land area required (actual area required will depend on Phosphorus Indices of application areas):  
(Nitrogen Based)

Single Crop  
Common Bermudagrass  
\* For annual production 125 acres  
\* For 'cake' removal 64 acres

Double Crop  
Common Bermudagrass & Ryegrass  
88 acres  
45 acres

Application Rate: Single Crop  
Crop(s): Common Bermudagrass  
Annual application rate: 7.4 T/ac/yr

Double Crop  
Common Bermudagrass & Ryegrass  
7.4 T/ac/yr 3.1 T/ac/yr

Total Litter Applied: 921 T/yr  
Total 'Cake' Applied: 469 T/yr

649 T/yr 272 T/yr  
330 T/yr 138 T/yr

### III. CONSTRUCTION AND/OR OPERATION OF A POULTRY MORTALITY INCINERATOR

Check this box if this section does not apply

**NOTE:** Coverage for construction and/or operation of poultry 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](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 chicken 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 : National Incinerator of Boaz

Model Number : Destructor

Capacity (lbs/hour) : 500

#### TYPE OF INCINERATOR

☒ Single chamber

☐ Multiple chamber

☐ 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): <u>9/25/04</u>	Latitude: <u>N 32° 26' 07"</u>	Longitude: <u>W 089° 12' 07"</u>
_____	Latitude: _____	Longitude: _____
_____	Latitude: _____	Longitude: _____
_____	Latitude: _____	Longitude: _____

#### FUEL TYPE AND INCINERATOR TEMPERATURE RANGE

Fuel Type: LP

If fuel oil is burned, what is the sulfur content of the oil? N/A %

Incinerator operating temperature range 1064 °F



#### IV. CONSTRUCTION ACTIVITIES DISTURBING ONE ACRE OR MORE

X Check this box if this section does not apply

**NOTE:** If the project is rerouting, filling, or crossing a water conveyance of any kind, contact the U.S. Army Corps of Engineers regulatory branch for possible permitting requirements. If the project requires a Corps of Engineer Section 404 Permit, provide appropriate documentation from the Corps that the project has been approved.

Indicate any local storm water ordinance with which the project must comply and submit any documentation of approval.

##### PROJECT INFORMATION

Total acreages that will be disturbed: \_\_\_\_\_

Description of the construction activity: \_\_\_\_\_

Nearest named receiving stream: \_\_\_\_\_

Are there recreational streams, private/public ponds or lakes within  $\frac{1}{2}$  mile downstream of project boundary that may be impacted by the construction activity? ☐ Yes ☐ No

Soil Characteristics: \_\_\_\_\_

- ☐ Attach a Storm Water Pollution Prevention Plan (SWPPP) that includes the minimum components found under "SWPPP Details" on pages 38 through 43 of the *Multimedia General Pollution Control Permit to Construct/Operate Air Emission Equipment and/or Manage Manure and Discharge Storm Water in Accordance with the National Pollution Discharge Elimination System*.

## 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



Date



Title