

I. GENERAL INFORMATION:

CONTACT AND FACILITY INFORMATION

AI #2444

Name of Owner: Michael W. Shin

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

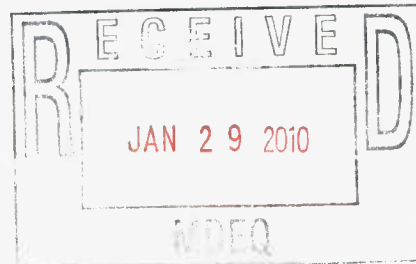
Facility Cell Phone No. (Include Area Code): 662-295-2327

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	Open Confinement
<input type="checkbox"/> Sow	_____	_____
<input type="checkbox"/> Feeder/Finishing	_____	_____
<input checked="" type="checkbox"/> Nursery	_____	<u>7360 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 gals, 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 gals 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 yals
<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 methane digester	365 days	813,886 gal

CONTRACT INFORMATION

Is this facility a contract operation? Yes No

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

Name: Pipestage Farms Address: 1550 Churchill Rd, West Pt, MA 01973

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: 01-28-10

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: Jun 2009

What is the estimated amount of manure and wastewater generated per year? 3,089 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: Rdk
Model Number: 367-2 #36
Capacity (tons/hour): .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): <u>Aug 15, 2002</u>	Latitude: <u>33° 44' 29"</u>	Longitude: <u>88° 56' 36"</u>
_____	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? .5 %

Incinerator operating temperature range 1350 °F

Standing Pond
Reid Creek
Riprap

4N

T. 5605

12.2

21

23

00.9

40

3.2

9

8

17

17

Swine
manure
percolator

Lagoon

- property line
application
fields
S.R. Creek

- 1 - Swine Bais
- 2 - Lagoon
- 3 - Methane Digester
- 4 - Incinerator
- 5 - Well

T. 761



Montpelier, Vt

3251 IV SW (SPARTA)

R 3 E

R 4 E

322

55'

318

57' 30"

319

320

26

25

BM

297

30

295

326

350

306

300

356

328

327

300

35

36

325

31

X 288

Prairie Creek Ch

320

300

350

300

West Clay Co Sch

283

im

270

275

300

389

294

Montpelier

6

Creek Cem

BR 280

Cem

270

270

46

284

Palestine Ch

BR 300

+

Cem

274

265

255

11

255

12

255

260

300

24

260

BR 263

255