

AI: 73888



LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT MSR10 9120 (NUMBER TO BE ASSIGNED BY STATE)

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and several responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:

- A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit
- A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit
- A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.

Additional submittals may include the following, if applicable:

- Appropriate Section 404 documentation from U.S. Army Corps of Engineers
- Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction
- Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements
- Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties

All QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

APPLICANT IS THE: OWNER PRIME CONTRACTOR (Must check one or both)

OWNER INFORMATION

OWNER CONTACT PERSON: Grant McDaniel

OWNER COMPANY NAME: McDaniel's Back Forty Farm

OWNER STREET OR P.O. BOX: 10101 Road 630

OWNER CITY: Philadelphia STATE: MS ZIP: 39350

OWNER PHONE # (INCLUDE AREA CODE): 601-416-4778

PRIME CONTRACTOR INFORMATION

PRIME CONTRACTOR CONTACT PERSON: Cramer Pierce

PRIME CONTRACTOR COMPANY: Pierce Construction

PRIME CONTRACTOR STREET OR P.O. BOX: 2866 Highway 494

PRIME CONTRACTOR CITY: Union STATE: MS ZIP: 39365

PRIME CONTRACTOR PHONE # (INCLUDE AREA CODE): 601-774-9005

PROJECT INFORMATION

PROJECT NAME: McDaniel's Back Forty Farm

TOTAL ACREAGE THAT WILL BE DISTURBED ¹: 5 acres

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES NO

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____

_____ **AND PERMIT COVERAGE NUMBER:** _____

DESCRIPTION OF CONSTRUCTION ACTIVITY: Add 4 broiler houses to existing poultry farm.

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED (include standard industrial classification code (SIC) if known):

Broiler poultry production.

_____ **SIC Code** _____

PHYSICAL SITE ADDRESS (If the physical address is not available indicate the nearest named road. For linear projects, indicate the beginning of the project and identify all counties the project traverses.)

STREET: 10101 Road 630

CITY: Philadelphia **COUNTY:** MS **ZIP:** 39350

LATITUDE : 32 degrees 45 minutes 38.6 seconds **LONGITUDE:** 89 degrees 0 minutes 8.78 seconds

LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Map Interpolation

NEAREST NAMED RECEIVING STREAM: Ocobla Creek

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) YES NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES NO

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN 1/2 MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES NO

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): _____

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? YES NO

IF YES, INDICATE THE TYPE OF FLOCCULANT. ANIONIC POLYACRYLIMIDE (PAM)
 OTHER _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE? YES NO

¹Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft² per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS? YES NO
IF YES, CHECK ALL THAT APPLY: AIR HAZARDOUS WASTE PRETREATMENT
 WATER STATE OPERATING INDIVIDUAL NPDES OTHER: DLPAFO

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES NO

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

- The project has been approved by individual permit, or
- The work will be covered by a nationwide permit and **NO** NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

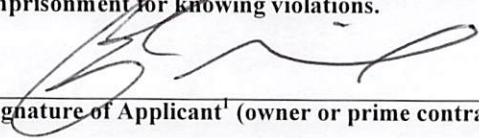
IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES NO

IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

- Existing Municipal or Commercial System.** Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
- Collection and Treatment System will be Constructed.** Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)
- Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots.** Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
- Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots.** A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.

INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


Signature of Applicant¹ (owner or prime contractor)

10-4-23
Date Signed

Grant McDaniel
Printed Name¹

Owner
Title

- ¹This application shall be signed as follows:
- For a corporation, by a responsible corporate officer.
 - For a partnership, by a general partner.
 - For a sole proprietorship, by the proprietor.
 - For a municipal, state or other public facility, by an authorized official.



Please submit the LCNOI form to:

Chief, E
MS Dep
P.O. Box
Jackson

Control

STORM WATER PLAN

October 3, 2023

Client: Grant McDaniel
Broiler Poultry Operation

Site Location:

The site's Section, Township and Range is: S31, T11N, R13E.

Site Information

The construction of 4 poultry houses and associated access roads will disturb 5 acres. This site has a LOW erosion hazard. Site drainage is on the 303(d) list for PESTICIDES, NUTRIENTS, SILTATION, ORGANIC ENRICHMENT-LOW DO PATHOGENS, therefore additional controls could be warranted for a site discharging to listed receiving streams.

Controls

Vegetative Controls: Maintain a 15-foot undisturbed vegetative buffer zone around the perimeter of the site. Seed all diversions with permanent seeding within seven calendar days of construction. Stockpile topsoil for use in landscaping after construction. Construct grass-lined waterways lined with temporary straw or hay in areas of concentrated flow and around buildings. Rough all 3:1 cut slopes by disking prior to seeding. Sod any disturbed intermittent stream bank with Bermuda grass. Bare areas left for thirty days or more require temporary seeding within seven calendar days of disturbance. After final grading, permanently seed all disturbed areas within seven calendar days.

Structural Controls (follow NRCS design for all structural measures): Intermittent streams and larger require 404 authorization prior to construction. Excessive drainage areas or other runoff conditions with excessive water flow within the construction area require sediment traps or silt fence construction. Divert upslope waters around disturbed areas. Cut slopes at or below a 3:1 grade. Build a construction entrance to wash mud from vehicle tires prior to exiting the site during muddy conditions. Construct silt fences at all storm drain inlets and around stockpiled soils.

On the West side of the site 400 ft. of silt fence, on the North side of the site 700 ft of silt fence and on the East side of the site, 400 ft of silt fence will be installed. All will be installed at the downstream toe of the slope so as to prevent sediment from leaving the site. The ends of the silt fence will be turned up the slopes so as to not allow sediment to escape.

All controls will be installed and operated in accordance with the Mississippi Planning and Design Manual.

Housekeeping Practices: Repair and maintain all equipment offsite. Insure proper collection and disposal of trash. Store paints, solvents, fertilizers, or any other potentially toxic materials offsite. Provide sanitary waste facilities for construction workers.

Post Construction/Storm Water Management Measures: Ensure no concentrated flow areas develop after construction that would impact downstream water bodies: Especially a tributary to Ocobla Creek. Okobla Creek lies downstream of the intermittent stream approximately 8,000 feet from the construction area. Okobla Creek flows into the Pearl River.

Implementation Sequence

1. build construction entrance/exit and provide wash area for muddy vehicles,
2. install structures for sediment and construct diversions and drainage ways,
3. stockpile topsoil and install silt fences around stockpile,
4. install culverts with inlet/outlet protection,
5. plant needed temporary vegetation on disturbed areas and install silt fences,
6. construct facilities, loading areas, and roads,
7. finish slopes around buildings, roughen slopes and vegetate,
8. after site is stabilized, remove all temporary measures, vegetating these areas.

Maintenance Plan

During Construction: Check all disturbed areas, erosion and sediment controls after each significant rainfall but not less than once per week. Make needed repairs within 24 hours. Remove sediment from basins, inlet protection devices, and silt fences when accumulated sediment has reached 50 percent capacity. Replace nonfunctional silt fences. Maintain all vegetated areas to provide proper ground cover - reseed, fertilize, and mulch as needed.

After Construction: Fertilize and lime vegetation as indicated by soil tests. Update soil tests every 3 years and follow recommendations. Maintain permanent structures including pipes, culverts, diversions, ditches, and drains with proper vegetation management and weed control measures, clearance of debris and other blockages, and critical area stabilization of eroded areas.

Attachments:

Attached are the following documents: Location Map, Topographic Map, Site Map, Storm Water Map.

Point of Contact for Technical Assistance with Plan Development or amendment is:

NRCS, Philadelphia Service Center
Jeff Fortenberry Soil Conservationist
511 East Lawn Drive
Suite B
Philadelphia, MS 39350
Phone: 601-656-8783 ext. 3



Signature Owner/Manager



Date





