



State of Mississippi

WATER POLLUTION CONTROL PERMIT

To Operate a Wastewater Disposal System with No Discharge



THIS CERTIFIES

Miller Cattle Company

5125 Old Highway 45 North

Meridian, MS

Lauderdale County

has been granted permission to operate a wastewater disposal system in accordance with the limitations and conditions set forth in this permit. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

A handwritten signature in blue ink, reading "Krystal Rudolph", written over a horizontal line.

Mississippi Department of Environmental Quality

Issued/Modified: JUL 06 2017

Expires: JUN 30 2022

Permit No.

MSU008027

Agency Interest # 4819

Table of Contents

Subject Item Inventory.....i

Facility Requirements.....1

General Information.....A-1

Other Relevant Documents:

Form 2B

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Subject Item Inventory

Permit Number: MSU008027

Activity ID No.: PER20170001

Subject Item Inventory:

ID	Designation	Description
AI4819	4819	Buyer Cattle AFO
RPNT2	MSU008027	All cattle are to remain under roof

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 1 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		All cattle shall be kept under roof and all manure removed from the barn shall be kept in the covered dry waste storage facility. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
L-2		Manure is prohibited from being land applied at this location. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		Manure must be analyzed annually for nitrogen and phosphorus content. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 2 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Record-Keeping Requirements:

Condition No.	Condition
R-1	<p>TRANSFER OF MANURE TO OTHER PERSONS:</p> <p>When manure is transferred to another person the following records must maintained on site for a period of five years from the date they are created and made available to the Permit Board upon request:</p> <ul style="list-style-type: none">(A) Date of the transfer;(B) Name, address, and signature of the recipient;(C) Approximate amount of manure transferred;(D) Document that the recipient was provided the most current manure analysis; and(E) Document that the recipient of the litter was provided a copy of "Management Guidelines for Land Application of Animal Waste". [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
R-2	<p>INSPECTIONS AND CORRECTIVE ACTIONS:</p> <p>The cattle barn and the manure storage facility shall be inspected monthly and the following records shall be maintained on site and available for a period of five years from the date they are created and made available to the Permit Board upon request:</p> <ul style="list-style-type: none">(A) The date, time, and initials of the person conducting the inspection;(B) Deficiencies found as a result of the inspections; and(C) Identify any corrective actions taken and the date they were completed. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 3 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-1	<p>MORTALITY HANDLING:</p> <p>Mortalities must be disposed in accordance with all applicable requirements as set forth by the State Board of Animal Health. Mortalities must not be disposed of in any liquid manure or process wastewater system, and must be handled in such a way as to prevent the discharge of pollutants to surface water. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(4).]</p>
T-2	<p>PLANNED CHANGES:</p> <p>The applicant/permittee shall give notice to the Permit Board as soon as possible of any planned physical alterations or additions, including but not limited to, a change of operation to the permitted facility. Notice is required in the circumstances that follow:</p> <p>(A) The alteration or addition to a permitted facility may meet one of the criteria for determining whether the facility is a new source in 40 CFR 122.29(b);</p> <p>(B) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to either effluent limitations in the permit or notification requirements under 40 CFR 122.42(a)(1); or</p> <p>(C) The alteration or addition results in a significant change in the applicant's/permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan or an approved nutrient management plan. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(a)]</p>

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 4 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-3	<p>PROPER OPERATION AND MAINTENANCE:</p> <p>The applicant/permittee shall at all times properly operate, maintain, and when necessary, promptly replace all facilities and systems of collection, treatment, and control (and related appurtenances) which are installed or used by the applicant/permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes adequate laboratory controls and appropriate quality assurance procedures. Proper replacement includes maintaining an adequate inventory of replacement equipment and parts for prompt replacement when necessary to maintain continuous collection and treatment of wastewater. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by an applicant/permittee only when the operation is necessary to achieve compliance with the conditions of the permit. The Permit Board may require regular reporting of internal operational and maintenance parameters where necessary to confirm proper operation of a waste treatment system. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(18)]</p>
T-4	<p>INSPECTION AND ENTRY:</p> <p>The applicant/permittee shall allow any authorized Commission representative to enter upon the permittee's premises at any reasonable time, to have access to and copy any applicable records, to inspect process facilities, treatment works, monitoring methods or equipment or to take samples, as authorized by Section 49-17-21 of Mississippi Code. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(17), Miss. Code Ann. 49-17-17]</p>
T-5	<p>BIOSECURITY:</p> <p>MDEQ personnel will attempt to observe all standard biosecurity measures when performing inspections authorized in the "Inspection and Entry" Condition above. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(17)]</p>
T-6	<p>TRANSFER OF OWNERSHIP OR CONTROL:</p> <p>Coverage granted under this permit is not transferable to any person except after proper notice and approval by the Permit Board. In the event of any change in control or ownership of facilities from which the authorized activities emanate, the applicant/permittee shall notify the Mississippi Environmental Quality Permit Board at least thirty (30) days in advance of the proposed transfer date. The notice (Appendix H of the Dry Litter Forms Package) should include a written agreement between the existing and new applicants/permittees containing a specific date for the transfer of permit responsibility, coverage, and liability. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C(2)]</p>

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 5 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-7	<p>AVAILABILITY OF RECORDS:</p> <p>Except for data determined to be confidential under the Mississippi Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection and copying during normal business hours at the office of the Mississippi Department of Environmental Quality Office of Pollution Control. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a)]</p>
T-8	<p>DUTY TO PROVIDE INFORMATION:</p> <p>The applicant/permittee shall furnish to the Permit Board, within a reasonable time, any information which the Permit Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The applicant/permittee shall also furnish to the Permit Board upon request, copies of records required to be kept by the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(16)]</p>
T-9	<p>REOPENER CLAUSE:</p> <p>If there is evidence indicating potential or realized impacts on water quality, the owner or operator may be required to obtain an individual permit or the permit may be modified to include different limitations and/or requirements. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>
T-10	<p>OTHER APPROVALS:</p> <p>It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.E]</p>
T-11	<p>RECORDKEEPING:</p> <p>The following records must maintained on site for a period of five years from the date they are created and made available to the Permit Board upon request:</p> <p>(A) The date and number of cattle entering and exiting the facility; and</p> <p>(B) The date and approximate amount of manure being placed in the dry waste storage facility. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 6 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-12	<p>DEFINITIONS:</p> <p>The permittee shall refer to 11 Miss. Admin. Code Pt. 6, R.1.1.1.A for definitions of any permit term not specified in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A]</p>
T-13	<p>FALSIFYING REPORTS:</p> <p>Any permittee who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required by the Permit Board to be maintained as a condition in a permit, or who alters or falsifies the results obtained by such devices or methods and/or any written report required by or in response to a permit condition, shall be deemed to have violated a permit condition and shall be subject to the penalties provided for a violation of a permit condition pursuant to Section 49-17-43 of the Code. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(d)]</p>
T-14	<p>FACILITY EXPANSION AND/OR MODIFICATION:</p> <p>Any facility expansion, production increases, process modifications, changes in discharge volume or location or other changes in operations or conditions of the permittee which may result in a new or increased discharge of waste, shall be reported to the Permit Board by submission of a new application for a permit pursuant to Rule 1.1.2 of the Mississippi Wastewater Regulations, or if the discharge does not violate effluent limitations specified in the permit, by submitting to the Permit Board a notice of a new or increased discharge. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(14)]</p>
T-15	<p>ANTICIPATED NONCOMPLIANCE:</p> <p>The permittee shall give advance notice to the Permit Board of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(b)]</p>
T-16	<p>DUTY TO COMPLY:</p> <p>The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(2)]</p>

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 7 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-17	<p>TWENTY-FOUR HOUR REPORTING:</p> <p>(1) The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and/or prevent recurrence of the noncompliance. The Executive Director may waive the written report on a case-by-case basis for reports under this section if the oral report has been received within 24 hours. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(e)]</p>
T-18	<p>OTHER NONCOMPLIANCE:</p> <p>The permittee shall report all instances of noncompliance not reported under the twenty-four hour reporting requirements, at the time monitoring reports are submitted or within 30 days from the end of the month in which the noncompliance occurs. The reports shall contain the same information as is required under the twenty-four hour reporting requirements contained in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(f)]</p>
T-19	<p>OTHER INFORMATION:</p> <p>Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Permit Board, it shall promptly submit such facts or information. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(g)]</p>
T-20	<p>DUTY TO MITIGATE:</p> <p>The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of the permit that has a reasonable likelihood of adversely affecting human health or the environment. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(19)]</p>
T-21	<p>REMOVED SUBSTANCES:</p> <p>Solids, sludges, filter backwash, or other residuals removed in the course of treatment or control of wastewater shall be disposed of in a manner such as to prevent such materials from entering State waters and in a manner consistent with the Mississippi Solid Waste Disposal Act, the Federal Resource Conservation and Recovery Act, and the Mississippi Water Pollution Control Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(21)]</p>

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 8 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-22	<p>CIVIL AND CRIMINAL LIABILITY:</p> <p>(1) Any person who violates a term, condition or schedule of compliance contained within this permit or the Mississippi Water Pollution Control Law is subject to the actions defined by law.</p> <p>(2) Except as provided in permit conditions on "Bypassing" and "Upsets" (Part II. A.7 and 8), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.</p> <p>(3) It shall not be the defense of the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(24)]</p>
T-23	<p>OIL AND HAZARDOUS SUBSTANCE LIABILITY:</p> <p>Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under Section 311 of the Federal Water Pollution Control Act and applicable provisions under Mississippi Law pertaining to transportation, storage, treatment, or spillage of oil or hazardous substances. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(23)]</p>
T-24	<p>PROPERTY RIGHTS:</p> <p>The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.E]</p>
T-25	<p>SEVERABILITY:</p> <p>The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(25)]</p>

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 9 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-26	<p>EXPIRATION OF PERMIT:</p> <p>At least 180 days prior to the expiration date of this permit pursuant to the State law and regulation, the permittee who wishes to continue to operate under this permit shall submit an application to the Permit Board for reissuance. The Permit Board may grant permission to submit an application later than this, but no later than the expiration date of the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.B(1)]</p>
T-27	<p>SPILL PREVENTION AND BEST MANAGEMENT PLANS:</p> <p>Any permittee which has above ground bulk storage capacity, of more than 1320 gallons or any single container with a capacity greater than 660 gallons, of materials and/or liquids (including but not limited to, all raw, finished and/or waste material) with chronic or acute potential for pollution impact on waters of the State and not subject to Mississippi Hazardous Waste Management Regulations or 40 CFR 112 (Oil Pollution Prevention) regulations shall provide secondary containment as found in 40 CFR 112 or equivalent protective measures such as trenches or waterways which would conduct any tank releases to a permitted treatment system or sufficient equalization or treatment capacity needed to prevent chronic/acute pollution impact. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(12)(a)]</p>
T-28	<p>CLOSURE REQUIREMENTS:</p> <p>Should the permittee decide to permanently close and abandon the premises upon which it operates, it shall provide a Closure Plan to the Permit Board no later than 90 days prior to doing so. This Closure Plan shall address how and when all manufactured products, by-products, raw materials, stored chemicals, and solid and liquid waste and residues will be removed from the premises or permanently disposed of on site such that no potential environmental hazard to the waters of the State will be presented. Closure plan(s) submitted to and approved by Mississippi Department of Environmental Quality for compliance with other environmental regulations will satisfy the closure requirements for those items specifically addressed in the closure plan(s) as long as the closure does not present a potential for environmental hazard to waters of the State. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(11).A(11)]</p>
T-29	<p>PERMIT ACTIONS:</p> <p>The permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a modification of planned changes or anticipated noncompliance, does not stay any permit condition. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C(5)]</p>
T-30	<p>After each transfer of manure or cattle, the area in which the transfer occurred, shall be inspected and any spillage shall be collected immediately and transferred to the manure storage facility. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>

To Operate a Wastewater Disposal System with No Discharge

Miller Cattle Company

Facility Requirements

Permit Number: MSU008027

Activity ID No.:PER20170001

Page 10 of 10

AI0000004819 (4819) Buyer Cattle AFO:

Narrative Requirements:

Condition No.	Condition
T-31	Manure should be loaded in a manner to minimize loss prior to being hauled off site. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

GENERAL INFORMATION

Miller Cattle Company
5125 Old Highway 45 North
Meridian, MS
Lauderdale County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
4819	Miller Cattle Company	Official Site Name	07/17/2007	
4819	Meridian Order Buyers, Inc.	Historic Site Name	10/09/2000	07/17/2007
MSU008027	Miller Cattle Company	Water - SOP	06/08/2010	05/31/2015
MSU008027	Miller Cattle Company	Water - SOP	07/06/2017	06/30/2022

Basin: Pascagoula River Basin

Relevant Documents: Form 2B