TENNESSEE DEPARTMENT OF AGRICULTURE

Water Resources Program

The following individual has submitted all required elements of an NMP/CNMP as required to obtain a CAFO permit. Their Nutrient Management Plan (or CNMP) has been reviewed and approved by this office.

Name of Owner/Operator: Matt Henley and Doug Price

Operation Name: D & M Farms

Address of Operation: 1051 County Road 316, Niota, TN 37826

Phone Number: (423) 453-1304 County: McMinn

Date application was initiated:

RECEIVED
MAR 25 2015

Date approval forwarded to TDEC:

APR 08 2015

NMP/CNMP Approval Date:

THE APPROVAL SHALL NOT BE CONSTRUED AS CREATING A PRESUMPTION OF CORRECT

APR 08 2015

OPERATION OR AS WARRANTING THAT THE APPROVED FACILITIES WILL REACH THE DESIGNED GOALS

Date approval received by TDEC

TDA Reviewer's Name: Heidi McIntyre-Wilkinson

TDA Reviewer's Signature: Heidi McIntyre-Wilkinson 04/08/15
Date

Nutrient Management Plan (NMP) and CAFO Permit Application Checklist for SOPC00000

Facility Name: D &M Farms Form Completed by: Heidi McIntyre-Wilkinson (03/25/15, 04/08/15)

Name of Owner: Matt Henley/Doug Price

SOPC Requirements*			Citation of Requirements in CNMP/ NMP			
			Completed by producer or TSP		FOR TDA USE ONLY	
Required Element	**Permit Page #**	**Citation**	**Item Addressed in (C)NMP on Page #**	**Initials**	**Comments**	**Completed (Yes/ No)**
Notice of Intent (NOI) form	4	1.6.1	Attached	HMW		Yes
Declarations Page, which addresses the following items:			Attached	HMW		Yes
Prevents direct contact of confined animals with waters of the State.	8	3.1.e				
Ensures chemicals or other contaminants handled on-site are handled (including spill clean-up) and disposed of properly.	8, 10	3.1.f, 4.6.1.a, 4.6.1.c				
All sampling of soil and manure/litter is conducted according to protocols developed by UT Extension.	8	3.1.h				
A copy of the most recent nutrient management plan (NMP) will be kept as part of the farm records and will be maintained and implemented as written.	9	3.1.j				
If applicable, all waste directed to under-floor waste pits shall be composed entirely of wastewater (i.e., washwater, animal waste).	10	4.6.1.b				
Notify TDEC of any significant wildlife mortalities following land application of animal wastes.	10	4.6.1.d				

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Address employee training for proper operation and maintenance of facility where employees are responsible for activites that relate to permit compliance.	10	4.6.1.e				
There shall be no land application of nutrients within 24 hours of a precipitation event that may cause runoff. The operator shall not land apply nutrients to frozen, flooded, or saturated soils.	12	4.6.2.f				
Topo Map with Property Boundary	7	2.3.1.f	12, 14, 40, 42	HMW		Yes
Ortho Map with Property Boundary showing location of animal barns/ houses, compost bins, litter storage bins, manure lagoons/ holding ponds, nearby roads, fields to which manure/ litter will be applied, sinkholes, neighboring wells, wetlands, etc.			11, 13, 39, 41	HMW		Yes
The NMP contains Best Management Practices (BMPs)/ conservation practices necessary to manage production area.	8	3.1.a	16	HMW		Yes
The NMP contains BMPs used (i.e. buffers) to control runoff of pollutants from land application.	8	3.1.g	43	HMW		Yes

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Ensures adequate waste storage. For liquid waste systems this would include: documentation of the total volume for solids accumulation, design treatment volume, total design volume, and approximate number of days for storage capacity.	8, 15	3.1.b, 5.2.g	18, 23-31, 74	HMW	Revised AWM model rcvd 04/08/15	Yes
Proper Management of Mortalities (also to be identified in Closure Plan).	8, 14	3.1.c, 4.10	18, 22	HMW	Composting	Yes
Clean water is diverted from the production area.	8, 11	3.1.d, 4.6.1.f	16	HMW		Yes
Follow latest UT guidance for appropriate testing methods for manure.	8	3.1.h				
Identify methods used to land apply litter, manure, or process wastewater.	9	3.1.i	60, 67-70	HMW	Litter truck and surface broadcast	Yes
Nutrient budget or balance sheet of all nutrients (animal waste, compost, fertilizer, etc.) used on the farm based on current UT crop recommendations which ensures appropriate use of nutrients.	9	3.1.i	71-73	HMW		Yes
Expected crop yields	15	5.2.h	63	HMW		Yes
NMP addresses facility maintenance.	9	3.2.c	16	HMW		Yes

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Closure/rehabilitation plan for waste system storage/treatment structure(s) and mortalities that addresses facility maintenance until proper closure to be completed within 360 days.	5, 13-14	1.6.3, 4.9	22	HMW		Yes
Includes field specific assessment of potential for N and P2O5 transport from field to surface waters. Must address form, source, amount, timing, and method of application of nutrients on each field to achieve realistic production goals (TN P Index must be provided for each field).	11	4.6.2.a.i	48-55	HMW		Yes
Current manure/litter analysis for N and P_2O_5 (from within last year).	11	4.6.2.b	N/A	HMW	N/A; new facility, not yet in operation. Estimates used.	N/A
Provide results of soil test conducted at a minimum of once every five years for all fields receiving manure, litter, or process wastewater.	11	4.6.2.b	Attached	HMW	Date of analysis = 2/19/15	Yes

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Applications of waste are no closer than 100 ft. to any down-gradient surface waters, open tile line intake structures, sinkholes, ag. wells, or other conduits to surface waters unless 100 ft. setback with a 35 ft. wide vegetated buffer is substituted or it is demonstrated that a setback/buffer is not needed due to use of alternate conservation practices or where field conditions would provide equivalent pollutant reductions.	11	4.6.2.d	47, 61	HMW		Yes
New CAFOs located adjacent to high quality stream (Exceptional TN waters) leave in place a 60-ft natural riparian buffer between stream and land application area.	12	4.6.2.e		HMW	The nearest high quality waterway, Greasy Branch, is over four miles away to the northeast from the nearest application field.	Yes
Liquid Waste Management System Requirements						
Liquid waste management system must be designed to exclude all stormwater and must not contain any design allowances for a discharge.	12	4.7	N/A	HMW	N/A; the facility uses dry waste management.	N/A

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If liquid waste management system was constructed, modified, repaired, or placed in operation after April 13, 2006, it must meet or exceed NRCS FOTG standards. This should consist of pertinent engineered drawings (i.e. schematic of system) accompanied by a descriptive narrative.	12	4.7	N/A	HMW	N/A; the facility uses dry waste management.	N/A
Any new or additional confinement buildings, waste containment/ treatment structures constructed after April 13, 2006 shall be located according to NRCS Practice Standard 313.	12	4.7.a	↓	↓	↓	↓
If any earthen structures were constructed or modified after April 13, 2006, a subsurface investigation is provided.	12	4.7.b	↓	↓	↓	↓

Comments: