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

Facility Name: _____ Form Completed by: _____

Name of Owner: _____

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)**
1. Notice of Intent (NOI) form w/signature	4	1.6.1				
2. Nutrient Management Plan with signature of producer and TSP (if TSP assists with planning)						
3. Declarations Page with signature						
4. Topo Map with Property Boundary	7	2.3.1.f				
5. 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.						
6. The NMP contains Best Management Practices (BMPs)/ conservation practices necessary to manage production area.	8	3.1.a				
7. The NMP contains BMPs used (i.e. buffers) to control runoff of pollutants from land application.	8	3.1.g				
8. 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				
9. Proper Management of Mortalities (also to be identified in Closure Plan).	8, 14	3.1.c, 4.10				
10. Clean water is diverted from the production area.	8, 11	3.1.d, 4.6.1.f				

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11. Follow latest UT guidance for appropriate testing methods for manure.	8	3.1.h				
12. Identify methods used to land apply litter, manure, or process wastewater.	9	3.1.i				
13. 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				
14. Expected crop yields	15	5.2.h				
15. NMP addresses facility maintenance.	9	3.2.c				
16. 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				
17. 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				
18. Current manure/litter analysis for N and P_2O_5 (from within last year).	11	4.6.2.b				
19. 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				

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20. 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				
21. 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				
Liquid Waste Management System Requirements						
22. Liquid waste management system must be designed to exclude all stormwater and must not contain any design allowances for a discharge.	12	4.7				
23. 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				
24. 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				
25. If any earthen structures were constructed or modified after April 13, 2006, a subsurface investigation is provided.	12	4.7.b				