



State of Oklahoma
Department of Agriculture, Food, and Forestry

J. Kevin Stitt
Governor

Blayne Arthur
Secretary of Agriculture

"DRAFT"
AUTHORIZATION TO DISCHARGE UNDER THE GENERAL PERMIT NO. OKG010000
FOR CONCENTRATED ANIMAL FEEDING OPERATIONS

Authorization Number: OKG010225

Pursuant to the Oklahoma Agriculture Pollutant Discharge Elimination (AgPDES) Act and the AgPDES Rules (OAC 35:45) promulgated thereunder,

Tumbleweed Investments, LLC - Farm BGF1
Route 2, Box 109
Turpin, OK 73950

is hereby authorized to discharge from their concentrated animal feeding operation at Farm BGF1 located in the:

N½ of Section 28, Township 4 North, Range 20 East, C.M.
Beaver County, Oklahoma

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in the General Permit No. OKG010000, and permit terms specified in the Appendix L.

The facility is located in the North Canadian (Beaver) River watershed (Waterbody ID No. OK720500020450) of the Panhandle Region Basin.

This Authorization shall become effective on _____, 2021.

This Authorization shall expire at midnight, on April 2, 2022.

Issued this ____ day of _____, 2021.

For the Oklahoma Department of Agriculture, Food, and Forestry,

James Rucker, AgPDES Director
Agricultural Environmental Management Services

APPENDIX L
TERMS OF THE NUTRIENT MANAGEMENT PLAN INCORPORATED INTO THE PERMIT AUTHORIZATION

For Tumbleweed LLC - Farm BGF1
Permit Authorization No. OKG010225

I. PERMITTEE

In accordance with Parts III.A.2.b and f of the AgPDES Permit No. OKG010000, the following terms of the Nutrient Management Plan (NMP) are hereby incorporated as site specific terms and conditions of the general permit for:

Tumbleweed LLC - Farm BGF1
Route 2, Box 109
Turpin, OK 73950

Type of Operation: Swine
Number of Animals: 8,814

The Farm BGF1 facility is located in the:

N ½ of Section 28, Township 4 North, Range 20 East, C.M.
Beaver County, Oklahoma

For the purposes of this permit, "NMP" refers to the latest version of the NMP approved by Oklahoma Department of Agriculture, Food, & Forestry (ODAFF). Any changes to the NMP must be submitted to ODAFF in accordance with Part III.A.6 of the General Permit OKG010000.

II. SITE SPECIFIC PERMIT TERMS

A. STORAGE FACILITY

Table 1. Storage Capacity

Storage Structure	Total Volume (excluding freeboard)
Primary lagoon - breeding	1.86 ac-ft
Secondary lagoon - breeding	0.46 ac-ft
Settling basin 1 - nursery	0.37 ac-ft
Settling basin 2 - nursery	1.23 ac-ft
RCS#1	37.22 ac-ft

Manure and process wastewater shall be stored and handled in accordance with Section 3.1 (Storage of Manure and Process Wastewater) of the NMP.

B. LAND APPLICATION

The permittee has selected the narrative rate approach to address rates of application. In accordance with Parts III.A.3.g.ii and III.A.7.f of the General Permit OKG010000, the permittee shall calculate the amounts of manure and process wastewater to be land applied on land application areas specified below per Section 5 of the NMP and the following site specific permit terms.

Table 2. Land Application ⁽¹⁾

Field (spreadable area)	Phosphorus Assessment ⁽²⁾		Planned Application				
	Rating	Maximum Allowed Phosphorus Application Rate (lbs P ₂ O ₅ /acre/year)	Main Crop/Use ⁽⁴⁾	Estimated Yield Goal	Types of Waste (Manure/Wastewater) to be Land Applied	Maximum Amount of Nutrients Derived from All Sources ⁽⁵⁾	
						Nitrogen (lbs N/ac)	Phosphorus (lbs P ₂ O ₅ /ac)
Field 101 (118 acres)	Low	Full Rate ⁽³⁾	Corn	200 Bu/A	Wastewater	180	300
Field 102 (69 acres)	Moderate	Full Rate ⁽³⁾	Wheat	40 Bu/A	Wastewater	120	300

⁽¹⁾ Details of land application information can be found in Section 5 of the NMP.

⁽²⁾ The maximum amount of phosphorus shall be based on the field-specific phosphorus risk assessment, which must be evaluated annually using the most recent soil test results. Documentation of annual phosphorus risk assessment performed for each land application field must be kept on site and made available to ODAFF inspectors upon request.

⁽³⁾ In accordance with the NRCS Code 590, application rate of phosphorus varies depending on application method (i.e. surface spreading, irrigation, injection below ground level ...). When more than one type of waste is applied to a field, the most stringent application rate based on phosphorus assessment will apply to that field.

⁽⁴⁾ Crop/Use should be either specific for each year as shown in the table above or alternated with other crop(s) shown in the Alternative Crop List provided in Section 5.3 of the NMP.

⁽⁵⁾ Based on the maximum rates provided in Section 5 of the NMP. These values may vary depending on actual crops grown, yield goals, and annual phosphorus assessment.

Other Requirements:

1. Wastewater application shall not exceed the maximum allowed P₂O₅ application rate and the Nitrogen requirement of the crop.
2. Wastewater application rates shall not exceed field capacity for the soil, shall not create runoff, and shall minimize ponding.
3. In all other respects, land application shall be accomplished in accordance with the Oklahoma NRCS Code 590.

C. MANURE TRANSFER

Manure not utilized by the facility for land application will be transferred off-site each year. All transfer records shall be kept on-site and made available to ODAFF inspectors upon request.

D. SITE SPECIFIC CONSERVATION PRACTICES

Conservation practices must be implemented in accordance with Sections 4.1 of the NMP. Setbacks shall be implemented in accordance with Section 4.4 and Table 4.1 of the NMP.

E. PROTOCOLS FOR APPROPRIATE TESTING OF SOIL, MANURE, AND PROCESS WASTEWATER

Manure/wastewater and soil sampling shall be done in accordance with Sections 7.1 and 7.2 of the NMP, respectively.

F. MORTALITY MANAGEMENT

All mortalities shall be disposed of in accordance with Section 3.3 of the NMP.

G. CLEAN WATER DIVERSION

Clean water shall be diverted from the production area in accordance with Section 3.2 of the NMP.

H. CHEMICAL HANDLING

Chemicals and other contaminants shall be handled in accordance with Section 3.5 of the NMP.