

Application Type Renewal  
Facility Type CAFO  
Permit Type Individual

**NPDES PERMIT FACT SHEET  
CAFOs**

Application No. PA0246468  
APS ID 358550  
Authorization ID 1475597

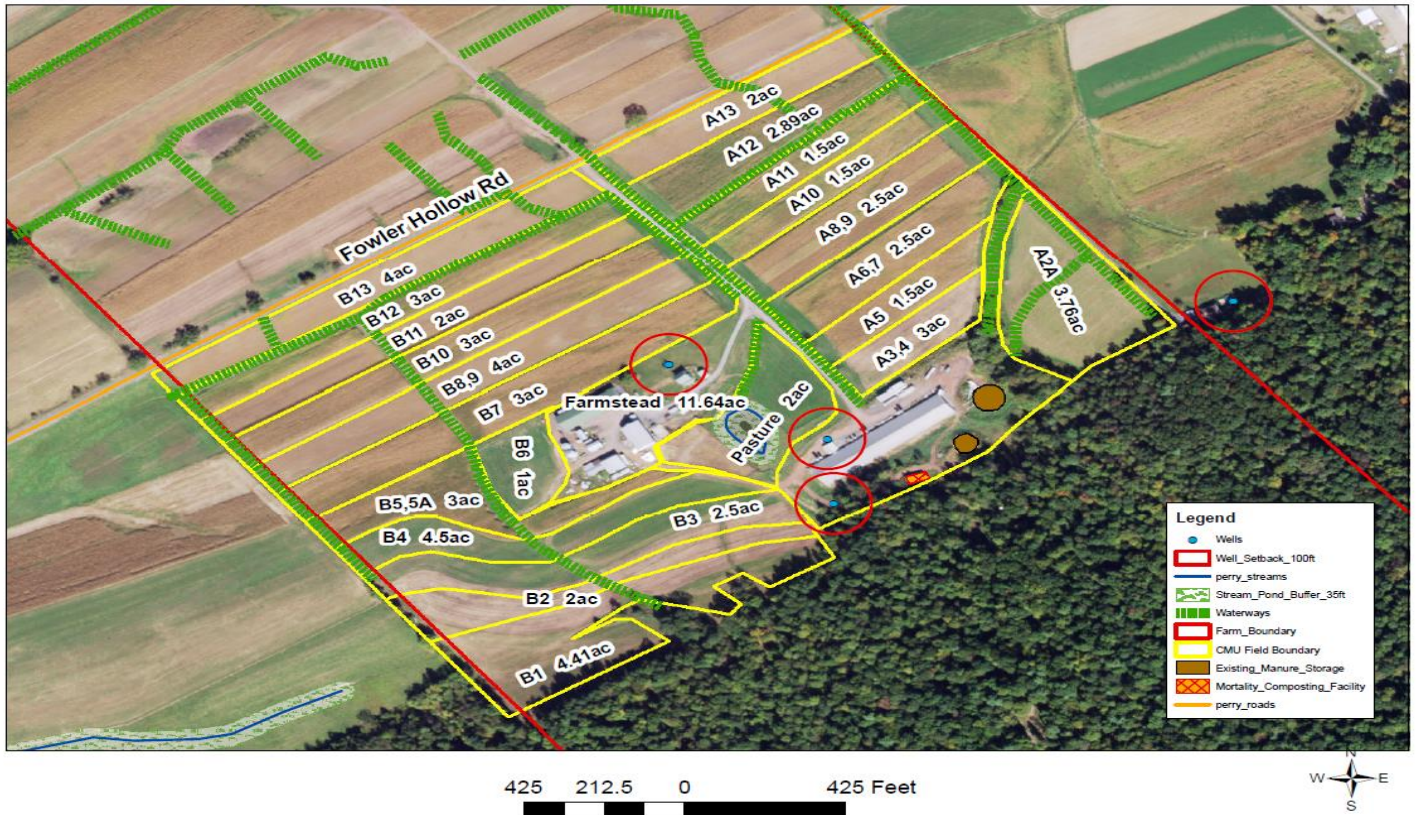
**Applicant and Facility Information**

Applicant Name	<u>Virgil Gutshall Jr</u>	Farm Name	<u>Beaver Ridge Farm</u>
Applicant Address	<u>1400 Fowler Hollow Road</u> <u>Blain, PA 17006-6260</u>	Farm Address	<u>1400 Fowler Hollow Road</u> <u>Blain, PA 17006-6260</u>
Applicant Contact	<u>Virgil Gutshall</u>	Farm Contact	<u>Virgil Gutshall</u>
Applicant Phone	<u>(717) 571-5307</u>	Farm Phone	<u>(717) 571-5307</u>
Client ID	<u>160587</u>	Site ID	<u>553265</u>
SIC Code	<u>0213</u>	Municipality	<u>Jackson Township</u>
SIC Description	<u>Agriculture - Hogs</u>	County	<u>Perry</u>
Date Application Received	<u>March 5, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>May 8, 2024</u>	WQM App. No.	<u>N/A</u>

Project Description NPDES renewal for an existing swine operation's CAFO permit.

**Beaver Ridge Farm, Inc**

*Home Fam - A & B Fields*



Approve	Deny	Signatures	Date
X		<i>Jared Lescavage</i> Jared Lescavage / Project Manager	May 8, 2024
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	05/08/2024

**Description:**

The Beaver Ridge Farm operation is an existing swine operation located in Perry County. It has 3,000 grow-finish swine. There is also a single horse and 5 beef finishers. There are 428.97 AEUs with an animal concentration of 1.99 AEUs/acre. Since the operation has less than 2 AEU/ac, it is not considered a CAFO based on animal density. However, since the operation houses more than 2,500 swine 55 lbs or more, it falls into the EPA CAFO threshold. The operation is also located in an HQ watershed, requiring the facility to maintain an Individual CAFO permit.

The nearest receiving stream is UNT to Sherman’s Creek, designated for HQ-CWF, located in Watershed 7-A. This stream is identified to be impaired by Pathogens of an Agricultural source

**Manure/Nutrient Management:**

The NMP was approved on July 11, 2022, for CY 2023-2025. There are 215.1 acres available on lands owned by the applicant for manure application according to the NMP.

*Manure Group Information:*

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Swine Fall	656029 gal	948160 gal	0 gal
Compost	20 tons	29 tons	0 tons
Swine Summer	482191 gal	529830 gal	0 gal
Horse	11 tons	11 tons	0 tons
Swine Winter	471846 gal	563170 gal	0 gal
Swine Spring	656029 gal	951160 gal	0 gal

*Exported Manure:*

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
No manure generated on this operation is exported to any other facilities. All manure generated on the operation is utilized on fields owned or rented by the operation.				

**40 CFR 122.42(e)(3) - Requirements relating to transfer of manure or process wastewater to other persons.**

Prior to transferring manure, litter, or process wastewater to other persons, Large CAFOs must provide the recipient of the manure, litter or process wastewater with the most current nutrient analysis. The analysis provided must be consistent with the requirements of 40 CFR part 412. Large CAFOs must retain for five years records of the date, recipient name and address, and approximate amount of manure, litter or process wastewater transferred to another person.

**Winter Manure Management:**

Application of manure during the winter period is approved for fields A2A, A5-A11, A12, B1, B2, B4, C6, C11, D2, D5, D6, E1, E3E, E4, LK1, EE3, JOHN1, EF9, EF12, EF14, EF16, and EF17, as prescribed by the NMP.

Manure storage facilities should have adequate freeboard on December 15 to implement the NMP. According to the NMP, 12 feet is required for the main tank and the secondary shall be empty on December 15.

**Manure Storage Facilities:**

The operation utilizes 2 circular concrete tanks to store manure in until it is ready for field application:

Name	Dimensions	Capacity	Freeboard
Main Tank	83’ x 12’	444960 gal	1 ft
Secondary Tank	60’ x 12’	232523 gal	1 ft

**BMPs Applicable to the Chesapeake Bay TMDL:**

DEP has evaluated the information included in the application materials; as well as the effluent limitations, BMPs, and other requirements included in the draft permit. This would include the approved Act 38 compliant Nutrient Management Plan, which includes Best Management Practices to meet Pennsylvania nutrient and manure management regulations, as well as Nutrient Balance Sheets for manure importers, applicable manure storage and manure spreading setback requirements, and Emergency Response Plan. Applicable Conservation Plans and/or Agricultural Erosion & Sediment Control Plans were also evaluated, which includes Best Management Practices to meet Pennsylvania erosion and sediment control regulations.

The applicant is implementing the following BMPs within the production area:

- Manure Storage Facilities
- Mortality Management (Composting)

NRCS Practice Code 412 Filter Strip is prescribed as a BMP in the approved 2023 to 2025 NMP.

Based upon this evaluation, DEP believes no additional BMPs will be required at this time to meet the goals and requirements of the Chesapeake Bay TMDL and to protect water quality criteria. This determination will be reevaluated through review of self-inspection reporting, annual reporting, and regular compliance inspections.

**Animal Mortality:**

All animal mortalities are composted on site in a roofed area.

**Animal Concentration Areas (Chapter 102.4a):**

The operation does not have Animal Heavy Use Areas (AHUAs).

**Chapter 102 E&S (Conservation Plans):**

Agricultural E&S or Conservation Plans have been included or verified to exist for land subjected to plowing and tilling activities.

**Downstream Public Water Supplies:**

There is a transient noncommunity water supply approximately 2.2 miles downstream on Sherman's Creek.

**Compliance History:**

The client and facility are currently in compliance with DEP standards at the time of draft permit issuance.

**Public Participation:**

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.