

Application Type New  
Facility Type CAFO  
Permit Type Individual

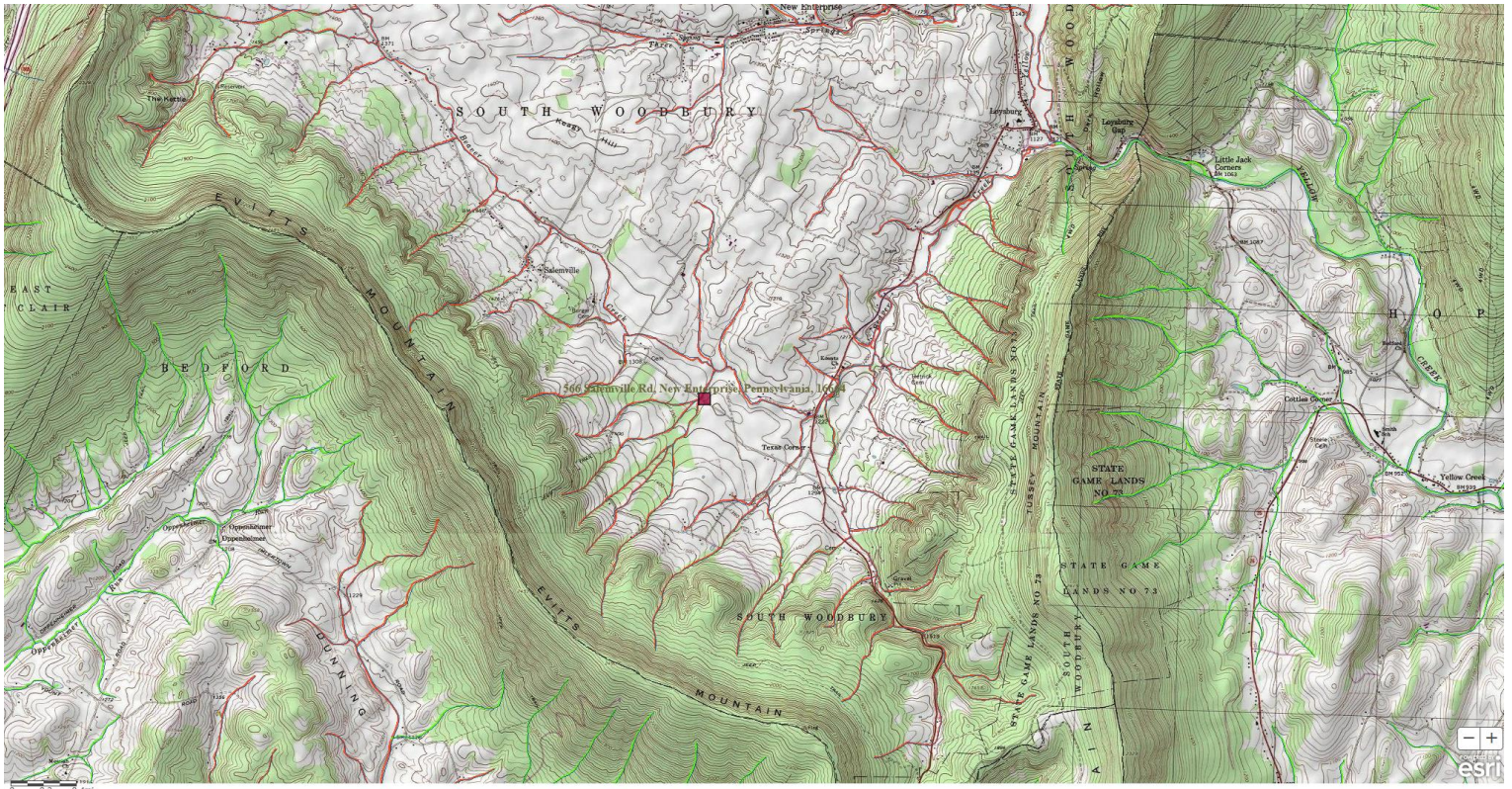
**NPDES PERMIT FACT SHEET**  
**CAFOs**

Application No. PA0281883  
APS ID 1075671  
Authorization ID 1417554

**Applicant and Facility Information**

Applicant Name	<u>Jeremy Imler</u>	Farm Name	<u>Jeremy Imler Swine Farm</u>
Applicant Address	<u>566 Salemville Road</u> <u>New Enterprise, PA 16664-8141</u>	Farm Address	<u>566 Salemville Road</u> <u>New Enterprise, PA 16664-8141</u>
Applicant Contact	<u>Jeremy Imler</u>	Farm Contact	<u>Jeremy Imler</u>
Applicant Phone	<u>(814) 494-1746</u>	Farm Phone	<u>(814) 494-1746</u>
Client ID	<u>373691</u>	Site ID	<u>861046</u>
SIC Code	<u>0213</u>	Municipality	<u>South Woodbury Township</u>
SIC Description	<u>Agriculture - Hogs</u>	County	<u>Bedford</u>
Date Application Received	<u>November 1, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>November 17, 2022</u>	WQM App. No.	<u>N/A</u>

Project Description Jeremy Imler submitted an Individual NPDES CAFO application for new coverage for his expanding swine operation.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	December 1, 2022
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	12/8/2022

**Description:**

Jeremy Imler Swine Farm is an existing and expanding swine operation located in South Woodbury Township, Bedford County. The operation currently has one existing barn that houses 2,188 hogs and is proposing to build another barn to house an additional 2,400 hogs. The operation is considered a CAO for exceeding 8 AEU's and for having an animal density exceeding 2 AEU's/Acre. The operation is considered a large CAFO for being a CAO that exceeds 300 AEU's and for exceeding the EPA large CAFO threshold of 2,500 swine weighing 55 pounds or more. The operation will have the following animal population:

Animal Type	Number	AEUs
Swine grow finish: 10–28 wk.	4,588	694.80
Donkey Mature	3	1.80
Meat Goat Doe	5	0.75
Medium Breed Ewe	10	1.75
	<b>Total AEU's =</b>	699.10

The receiving water is Tributary 13891 of Beaver Creek, designated as High-Quality Cold-Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 11-D. This stream is impaired by agriculture nutrients and agriculture siltation. The Department's Individual NPDES CAFO permit is appropriate for this operation.

**Manure/Nutrient Management:**

The current NMP was approved on August 3, 2022 for crop years 2023, 2024, and 2025. There are 2.7 acres available on lands owned by the applicant for manure application according to the NMP, resulting in a density of 258.93 AEU's/Acre.

*Manure Group Information:*

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Existing Swine Manure	1,140,875.9 gal	0.0	1,140,875.9 gal
Proposed Swine Manure	928,620.0 gal	0.0	928,620.0 gal
Donkeys & Sheep - uncollected	30.8 tons	30.9 tons	0.0

*Exported Manure:*

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Mark A. Baker Broker [2442-MB1] 172 Chestnut St. New Enterprise, PA 16664	690,000 gallons	690,000 gallons	690,000 gallons	0

All manure is exported through certified Act 49 manure broker Mark A. Baker.

The following requirements must be met when transferring manure to other persons:

**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 not approved in the NMP.

Manure storage facilities should have adequate freeboard on December 15 to implement the NMP. The storages should have the following freeboards by December 15<sup>th</sup> of each year:

Storage	Minimum Freeboard by December 15 <sup>th</sup>
Rectangular Concrete Storage	5.0 ft
HDPE-Lined Lagoon	5.2 ft
Deep Underbarn Concrete Pit (Proposed)	2.1 ft

**Manure Storage Facilities:**

Storage	Type	Dimensions	Freeboard	Useable Capacity @ minimum freeboard
<i>Name</i>	<i>Liquid or solid</i>	<i>Ft x ft x ft</i>	<i>Minimum regulatory (ft)</i>	<i>Gallons or cubic feet</i>
HDPE Lined Lagoon (exposed to rain)	Liquid	105' x 105' x 10'	2*	344,579 gal
Rectangular Concrete Storage (exposed to rain)	Liquid	100' x 54' x 8'	1	282,744 gal
Proposed Concrete Swine Underbarn	Liquid	216' x 91' x 8'	0.5	1,102,700 gal

\*The minimum regulatory freeboard is 12 inches, but a site-specific value of 2 feet is stated in the approved 2023-2025 NMP. The operation must maintain a freeboard of 2ft for the HDPE Lagoon to implement the NMP.

There is a series of shallow pull plug reception pits beneath a slatted floor in the existing swine barn. The shallow pull plug system consists of 9 rooms each with 3 pits that are approximately 9ft x 40ft x 3ft with a useable storage volume of 181,760 gallons at a minimum 0.5ft freeboard. Liquid swine manure gravity flows from the underbarn shallow pits to the outdoor existing rectangular concrete storage where it can then be pumped as needed to the HDPE Lined Lagoon.

The proposed swine barn and proposed concrete underbarn storage will replace an existing barn structure that is no longer serviceable.

There are no plans to field stack manure on this operation and no planned alternative manure technology practices.

**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. Required 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

NRCS Practice Code 313 Waste Storage Facility is prescribed in the approved 2023 to 2025 NMP for beneath the proposed hog barn with an implementation season and year of Fall 2023.

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 quarterly self-inspection reporting, annual reporting, and regular compliance inspections.

**Animal Mortality:**

The mortalities will be composted in a roofed compost structure and the compost will be applied to the rented-out land as a small quantity export (less than 25tons/year).

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

There are 5 goats kept behind the farmhouse on a small animal concentration area with a run-in shed. Animal Heavy Use Areas (AHUAs) are designated in the NMP and will be managed according to provisions of the NMP.

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

An agricultural E&S plan is not applicable to this operation, as there are no lands available for manure application.

**Downstream Public Water Supplies:**

The nearest downstream public water intake is located over 23 miles downstream on the Raystown Branch Juniata River near the Saxton Municipal Water Authority is Saxton Borough, Bedford County. This operation is not expected to impact any public water supplies.

**Compliance History:**

There are no open violations for this operation.

**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.