

Application Type Renewal
Facility Type CAFO
Permit Type Individual

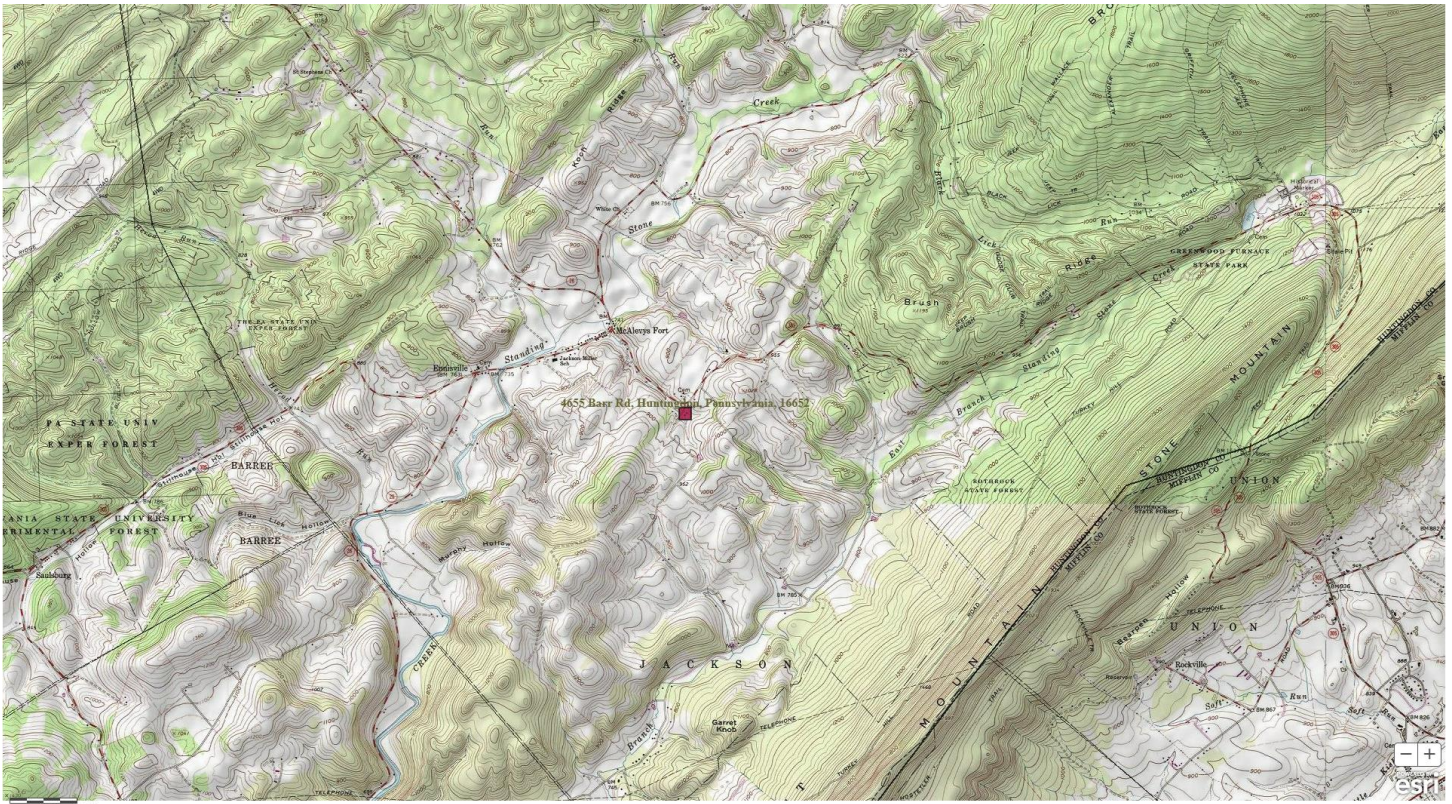
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0266728
APS ID 961169
Authorization ID 1420447

Applicant and Facility Information

Applicant Name	<u>Springbrook Farm LLC</u>	Farm Name	<u>Springbrook Farm</u>
Applicant Address	<u>13233 Greenwood Road</u> <u>Huntingdon, PA 16652-5922</u>	Farm Address	<u>4655 Barr Road</u> <u>Huntingdon, PA 16652-5926</u>
Applicant Contact	<u>Dustin Yoder</u>	Farm Contact	<u>Dustin Yoder</u>
Applicant Phone	<u>(814) 386-2929</u>	Farm Phone	<u>(814) 386-2929</u>
Client ID	<u>337229</u>	Site ID	<u>827913</u>
SIC Code	<u>0213</u>	Municipality	<u>Jackson Township</u>
SIC Description	<u>Agriculture - Hogs</u>	County	<u>Huntingdon</u>
Date Application Received	<u>November 30, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>December 16, 2022</u>	WQM App. No.	<u>N/A</u>

Project Description Springbrook Farm LLC submitted an application for CAFO permit renewal for their existing swine, layer, and beef operation.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	8/4/2023
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	8/4/2023

Description:

Springbrook Farm LLC submitted an application for CAFO permit renewal for their existing swine, layer, and beef operation located in Jackson Township, Huntingdon County. The operation is considered a CAO for exceeding an animal density of 2 AEUs/Acre while exceeding 8 AEUs. The operation is considered a large CAFO for being a CAO that exceeds 300 AEUs, and for exceeding the EPA’s large CAFO threshold of 2,500 swine weighing 55 pounds or more. The operation has the following animal population:

Animal Type	Number	AEUs
Swine grow finish: 10–28 wk.	4,800	726.90
Layer, breeder hen, brown egg: 17-70 wk.	6,300	20.22
Layer, breeder rooster, brown egg: 17-70 wk.	700	3.03
Beef Cow	10	14.00
Beef Bull	1	0.37
Beef Feeder 0-12 mo.	10	4.13
Beef Replacement Heifer: 1-2 yr.	4	3.50
Beef Finishing: 8-24 mo.	1	0.95
	Total AEUs =	773.10

The receiving water is Tributary 15473 To Standing Stone Creek, designated as High Quality Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 11-B. This stream is not impaired by Department standards. Due to being located in a High Quality Watershed, the Department’s Individual CAFO permit is appropriate for this operation.

Manure/Nutrient Management:

The current NMP was approved on June 1, 2023, for crop years 2024, 2025, and 2026. There are 116.6 acres available on lands owned by the applicant for manure application according to the NMP, resulting in a density of 6.63 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Liquid Swine	1,857,240.0 gal	662,500.0 gal	1,194,740.0 gal
Layer Manure	101.8 tons	105.6 tons	0.0
Beef Manure - uncollected	310.0 tons	310.1 tons	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Stephen Powell 3983 Powells Road, Petersburg, PA 16669	720,000 gal Swine	720,000 gal Swine	720,000 gal Swine	0
Laurel Run Farms LLC (Tim Peachy) 5158 McAlveys Fort Road, Petersburg, PA 16669	450,000 gal Swine	450,000 gal Swine	450,000 gal Swine	0
Travis Couch 13723 Greenwood Road, Huntingdon, PA 16652	1,426,200 gal Swine	1,426,200 gal Swine	1,426,200 gal Swine	0
Randy Sunderland 13400 Weiler Road, Huntingdon, PA 16652	460,800 gal Swine	0	0	0

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 approved in the NMP. See the approved NMP for fields planned for winter application.

Manure storage facilities should have adequate freeboard on December 15th of each year to implement the NMP. The swine deep pit underbarn storage should have a minimum freeboard of 3.1ft on December 15th to implement the NMP.

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Usable 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>
Swine Deep Pit Underbarn Storage	Liquid	501' x 81.5' x 6'	0.5'	1,626,544 gal

Swine manure is handled as a liquid stored in a slotted floor underbarn manure storage. Layer manure is handled as a floor litter and cleaned out once a year between flocks. The beef cattle are on pasture year round resulting in no collected beef manure.

There are no proposed manure storages, no plans to field stack manure, and no planned alternative manure technology practices for this operation.

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 (Swine Deep Pit Underbarn Storage)
- Mortality Management (Composting and Incineration)

NRCS Practice Code 342 Critical Area Planting is prescribed as a BMP for the beef pasture in the approved 2024 to 2026 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:

Chicken and swine mortalities are incinerated near the swine barn and the ashes are land applied. Cattle mortalities will be composted.

Animal Concentration Areas (Chapter 102.4a):

Animal Heavy Use Areas (AHUAs) are designated in the NMP for the beef cow pasture and will be managed according to the provisions of the NMP.

Chapter 102 E&S (Conservation Plans):

Agricultural E&S Plans have been included and verified to exist for land subjected to plowing and tilling activities. Some BMPs included in the plan are Conservation Crop Rotation (328), Forage Harvest Management (511), Nutrient Management (590), Residue And Tillage Management, No Till (329), Nutrient Management (590), and Pasture Management.

Downstream Public Water Supplies:

The nearest downstream public water supply intake is the Huntingdon Borough Water Authority, located 24 miles downstream in Huntingdon, PA. 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.