

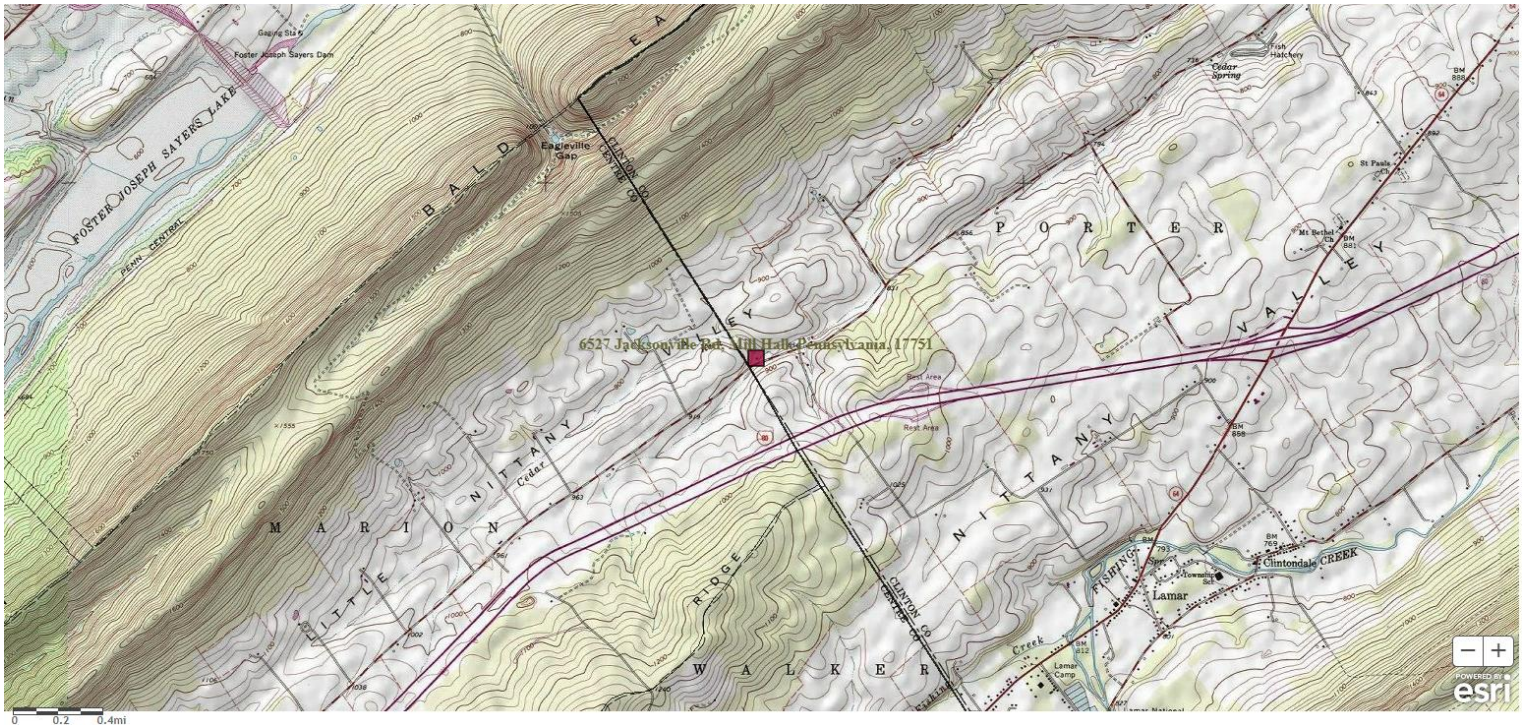
Application Type Renewal
Facility Type CAFO
Permit Type Individual

**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0234087
APS ID 752355
Authorization ID 1366562

Applicant and Facility Information

Applicant Name	<u>Philip D. Courter</u>	Farm Name	<u>Courter's Finisher Farm</u>
Applicant Address	<u>6527 Jacksonville Road</u> <u>Mill Hall, PA 17751-8876</u>	Farm Address	<u>6527 Jacksonville Road</u> <u>Mill Hall, PA 17751-8876</u>
Applicant Contact	<u>Philip Courter</u>	Farm Contact	<u>Philip Courter</u>
Applicant Phone	<u>(570) 660-6464</u>	Farm Phone	<u>(570) 660-6464</u>
Client ID	<u>288501</u>	Site ID	<u>749533</u>
SIC Code	<u>0211,0213</u>	Municipality	<u>Porter Township</u>
SIC Description	<u>Agriculture - Beef Cattle Feedlots,</u> <u>Agriculture - Hogs</u>	County	<u>Clinton</u>
Date Application Received	<u>August 23, 2021</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>August 15, 2022</u>	WQM App. No.	<u>1817201</u>
Project Description	<u>Philip Courter submitted an application for Individual CAFO permit renewal.</u>		



Approve	Deny	Signatures	Date
x		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	January 24, 2023
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	1/25/2023

Description:

Philip Courter submitted an application for CAFO permit renewal for his existing operation located in Mill Hall, Clinton County. The operation is considered a CAO for exceeding 8 AEUs while having an animal density exceeding 2 AEUs/Acre. The operation is considered a large CAFO for being a CAO exceeding 300 AEUs, for exceeding 1,000 AEUs, and for exceeding the EPA 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.	7,000	996.78
Beef Cow	20	28.00
Beef Calf: 0–8 mo.	20	4.03
Beef Finishing: 8-24 mo.	6	5.70
Meat Goat Doe	6	0.90
Meat Goat Kid: 0-1 yr.	12	0.52
Layer, brown egg: 18-90 wk.	6	0.02
	Total AEUs =	1,035.95

Of the above animals, Cows, calves and doe goats have access to pasture, while finishing swine, finisher cattle and kid goats are 100% confined. Laying hens have free range access to the farmstead. Cattle have access to a curbed concrete heavy use area on the eastern side of the cattle barn.

The closest stream to the site is Cedar Run, located in watershed 9-C and designated for High-Quality Cold-Water Fishes, Migratory Fishes (HQ-CWF, MF). The stream is not impaired by Department standards. The Department’s Individual CAFO permit is appropriate for this operation.

Manure/Nutrient Management:

The current NMP was approved on September 17, 2020, for crop years 2021, 2022, and 2023. There are 251.6 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 4.12 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Liquid Swine Manure	1,400,240.0 gal	1,007,000.0 gal	393,240.0 gal
Bedded Pack Manure	90.0 tons	93.1 tons	0.0
Bedded Pack Manure - uncollected	214.1 tons	214.2 tons	0.0
Mortality Compost	15.0 tons	0.0	0.0
Imported Dairy Manure	211,500.0 gal	211,500.0 gal	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Blair Courter 79 Courter's Lane, Mill Hall, PA 17751	Up to 434,700 gal	0	Up to 434,700 gal	0
George Courter 7194 Jacksonville Road, Mill Hall, PA 17751	Up to 773,640 gal	0	Up to 773,640 gal	0

Paul Courter 5859 Nittany Valley Drive, Mill Hall, PA 17751	Up to 1,034,460 gal	0	Up to 1,034,460 gal	0
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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:

The application of manure during the winter period is not approved in the NMP.

Manure storage facilities should have the following freeboards on December 15 to implement the NMP:

- Swine Underbarn 1 (1.29 ft)
- Swine Underbarn 2 (1.28 ft)
- Swine Underbarn 3 (1.28 ft)

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Capacity
Name	Liquid or solid	Ft x ft x ft	Minimum regulatory	Gallons or cubic feet
Swine Underbarn #1	Liquid	80.17' x 222.67' x 6'	0.5 ft	734,409 gal
Swine Underbarn #2	Liquid	80.66' x 244.50' x 6'	0.5 ft	811,337 gal
Swine Underbarn #3	Liquid	80.66' x 244.50' x 6'	0.5 ft	811,337 gal
Round Tank (No longer in Use) (Emergency Use Only)	Liquid	70' x 12'	2 ft	321,702 gal

There are no proposed manure storages and no planned alternative manure technology practices for this operation.

The existing concrete round manure tank at the cattle barn is no longer used to store manure as cattle manure is now handled as a solid. The circular storage is maintained to be used as a backup storage for swine manure in case of emergency.

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

There are no additional BMPs prescribed in the approved 2021-2023 crop year NMP for Philip D. Courter.

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:

Animal mortality on the operation is handled in a rotary drum mortality composter. The compost material will be applied to crop fields and has been included in Appendix 3 as a small quantities manure group as it is estimated that less than 25 tons of compost material will be produced annually.

Animal Concentration Areas (Chapter 102.4a):

Animal Heavy Use Areas (AHUAs) are designated in the NMP, and will be managed according to the provisions of the NMP. Cattle have access to a curbed concrete heavy use area on the eastern side of the cattle barn. Cattle manure accumulates under the roofed section of barn. Roof gutters, downspouts and underground outlets have been installed to control stormwater from entering the heavy use area. Any stormwater that accumulates on the concrete heavy use area is collected and applied with liquid manure.

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:

The nearest downstream public water intake is located more than 73 miles downstream on the Susquehanna River by PA American Water White Deer. This CAFO is not expected to adversely 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.