

Application Type New
Facility Type CAFO
Permit Type Individual

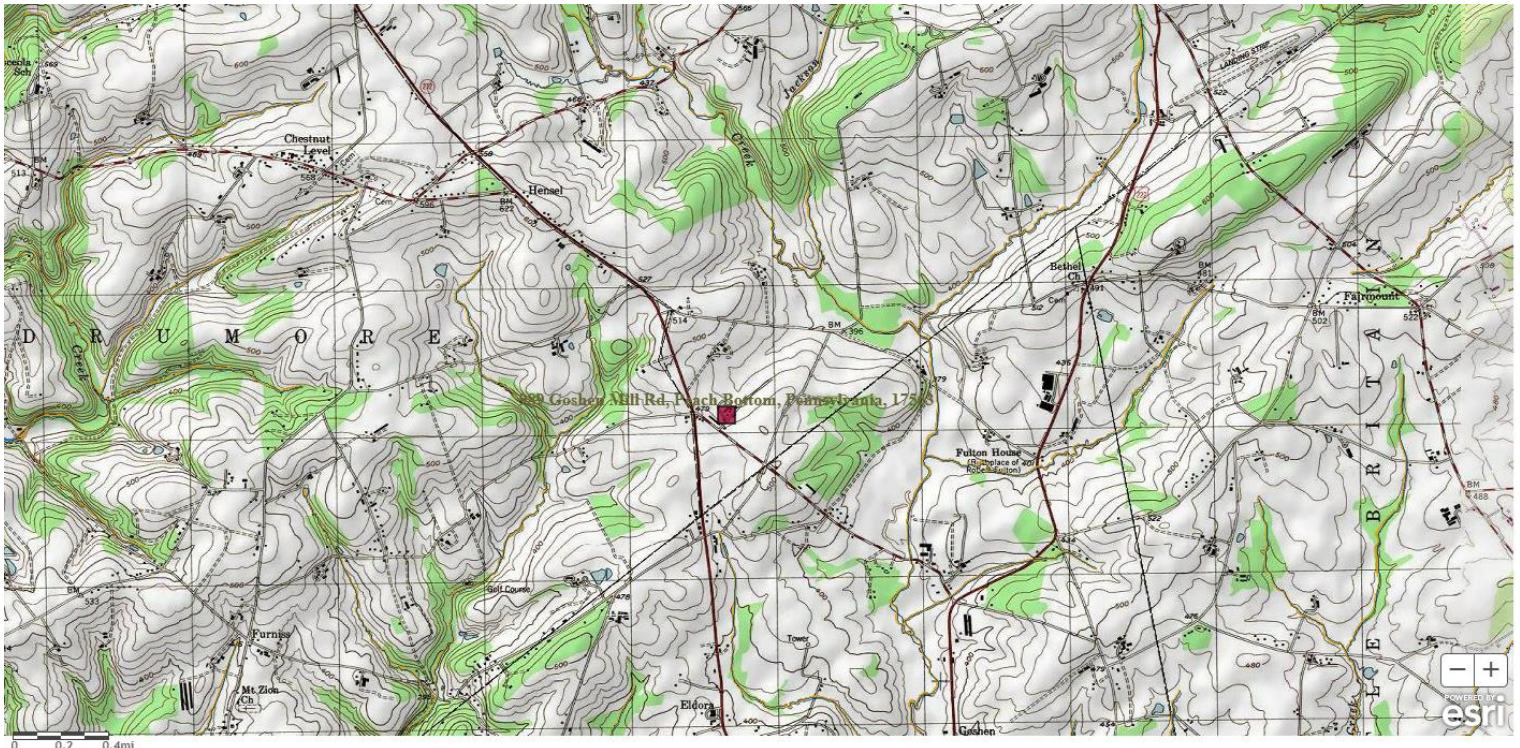
NPDES PERMIT FACT SHEET CAFOs

Application No. PA0281930
APS ID 1132849
Authorization ID 1519147

Applicant and Facility Information

Applicant Name	<u>Powl Associates LLC</u>	Farm Name	<u>Goshen Mill Farm CAFO</u>
Applicant Address	<u>PO Box 15</u> <u>Peach Bottom, PA 17563-0015</u>	Farm Address	<u>989 Goshen Mill Road</u> <u>Peach Bottom, PA 17563-9650</u>
Applicant Contact	<u>Christopher Powl</u>	Farm Contact	<u>Christopher Powl</u>
Applicant Phone	<u>(814) 548-2376</u>	Farm Phone	<u>(717) 468-0713</u>
Client ID	<u>391466</u>	Site ID	<u>878672</u>
SIC Code	<u>0241,0259</u>	Municipality	<u>East Drumore Township</u>
SIC Description	<u>Agriculture - Dairy Farms</u> <u>Agriculture - Poultry and Eggs, Nec</u>	County	<u>Lancaster</u>
Date Application Received	<u>March 10, 2025</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>March 19, 2025</u>	WQM App. No.	<u>N/A</u>

Project Description Powl Associates LLC submitted an Individual CAFO permit new coverage application for their proposed poultry and heifer operation.



Approve	Deny	Signatures	Date
x		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Project Manager	03/24/2025
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	03/24/2025

Description:

Powl Associates LLC submitted an Individual CAFO permit new coverage application for their proposed poultry and heifer operation located in East Drumore Township, Lancaster County. The operation has one existing layer barn and is proposing the construction of a second layer barn. DEP will not issue the final CAFO permit until Chapter 102 approval has been received for the proposed layer barn. The Chapter 102 permit is currently under review at the Lancaster County Conservation District. The operation will have the following animal population:

Animal Type	Number	AEUs
Layer, brown egg: 18–90 wk.	100,000	385.00
Holstein Springer	100	125.00
	Total AEUs =	510.00

The operation is considered a CAO for exceeding 8 AEUs while exceeding an animal density of 2 AEUs/Acre. The operation is considered a large CAFO for being a CAO that exceeds 300 AEUs and for exceeding the EPA large CAFO threshold of 82,000 laying hens when using a solid manure handling system.

The nearest receiving stream to the operation is an unnamed tributary to Conowingo Creek, designated for High-Quality Cold-Water and Migratory Fishes (HQ-CWF, MF), located in Watershed 7-K. The stream is impaired by habitat modification and alterations as well as agriculture siltation.

Since the operation is 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 March 5, 2025, for crop years 2025, 2026, and 2027. There are 0 acres available on lands owned or rented by the applicant for manure application according to the NMP, resulting in a density of 510.00 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Layer Litter	1,862.0 tons	0.0	1,862.0 tons
Heifer Manure Fall	453,499.0 gallons	0.0	453,499.0 gallons
Heifer Manure Spring	403,396.0 gallons	0.0	403,396.0 gallons

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Shawn Lehman [Broker 457-MB2] 56 Creamery Road Pequea, PA 17565	2,000 tons Poultry			
Tom Aaron 1019 Chestnut Level Road, Quarryville, PA 17566	191.8 tons Poultry & 677,600 gallons Heifer	0	665,000 gallons Heifer	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,

NPDES Permit Fact Sheet
NPDES Permit No. PA0281930
Goshen Mill Farm CAFO

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.

The Earthen Lagoon must have a minimum freeboard of 2.4ft by December 15th of each year to implement the NMP. The future proposed Heifer Concrete Round Pit will require a minimum freeboard of 4.1ft by December 15th of each year to implement the NMP.

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Capacity
<i>Name</i>	<i>Liquid or solid</i>	<i>ft</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
Earthen Lagoon	Liquid	200' x 110' x 6'	1 ft	643,280 gallons
Heifer Concrete Round Pit (Proposed)*	Liquid	12' x 80'	1 ft	413,584 gallons
Barn 1 Roofed Waste Storage Facility	Solid	80' x 43' x 8'	N/A	27,520 cu.ft
Barn 2 Roofed Waste Storage Facility (Proposed)	Solid	80' x 80' x 8'	N/A	60,800 cu.ft

*The Heifer Concrete Round Pit is listed as a proposed manure storage in the approved 2025-2027 NMP but will not be included as a liquid manure storage on this CAFO permit due to its delayed construction timeline.

The liquid heifer manure is directed to a reception pit that gravity flows to the Earthen Lagoon. The operation has future plans to construct a Heifer Concrete Round Pit to replace the Earthen Lagoon. This CAFO permit will be drafted to include only the Earthen Lagoon since the proposed pit has not yet been designed and dimensions and location are subject to change once funding is acquired.

There are 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 (Earthen Lagoon)

The following NRCS Practice Codes are prescribed as BMPs in the approved 2025 to 2027 NMP for this operation:

- NRCS 314 Brush Management, BMP Location: Manure Lagoon, Implementation Fall/Winter 2024
- NRCS 315 Herbaceous Weed Treatment, BMP Location: Manure Lagoon, Implementation Fall/Winter 2024
- NRCS 313 Manure Storage (Layer Barn 2), BMP Location: Farmstead, Implementation Fall 2025
- NRCS 558 Roof Runoff Structures (Layer Barn 2), BMP Location: Farmstead, Implementation Fall 2025
- NRCS 620 Underground Outlet (Layer Barn 2), BMP Location: Farmstead, Implementation Fall 2025
- NRCS 587 Structure for Water Control, BMP Location: Farmstead, Implementation Fall 2025
- NRCS 313 Concrete Round Pit, BMP Location: Farmstead, Implementation Spring 2026

NPDES Permit Fact Sheet
NPDES Permit No. PA0281930
Goshen Mill Farm CAFO

- NRCS 634 Waste Transfer, BMP Location: Farmstead, Implementation Spring 2026
- NRCS 360 Waste Facility Closure, BMP Location: Farmstead, Implementation Spring 2026
- NRCS 638 Water & Sediment Control Basin (Below Layer Barn 1), BMP Location: Farmstead, Implementation Fall 2025

Based upon this evaluation, DEP believes no additional BMPs will be required at this time 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 poultry mortalities are handled by incineration. Cattle mortalities are rare but are rendered when they occur.

Animal Concentration Areas (Chapter 102.4a):

There are no ACAs on this operation.

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 supply intake is located beyond the Pennsylvania Maryland State line over 8 miles downstream of the operation. This operation 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.