

Application Type Renewal
 Facility Type CAFO
 Permit Type Individual

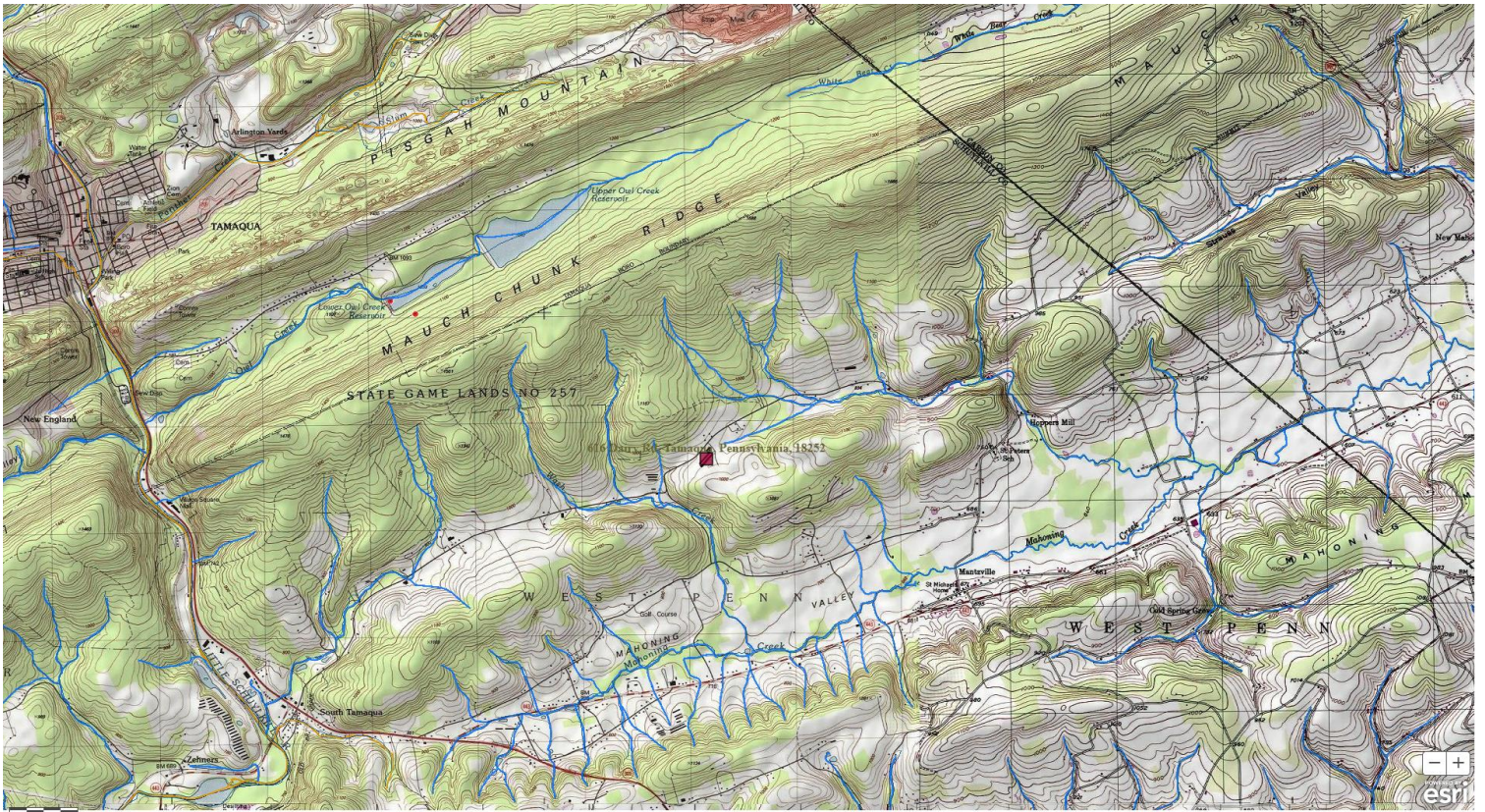
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0276081
 APS ID 747223
 Authorization ID 1510794

Applicant and Facility Information

Applicant Name	<u>Embrovac LLC</u>	Farm Name	<u>Embrovac LLC Farm</u>
Applicant Address	<u>616 Dairy Road</u> <u>Tamaqua, PA 18252</u>	Farm Address	<u>616 Dairy Road</u> <u>Tamaqua, PA 18252-5526</u>
Applicant Contact	<u>Bryan Eberle</u>	Farm Contact	<u>Bryan Eberle</u>
Applicant Phone	<u>(570) 386-8401</u>	Farm Phone	<u>(570) 386-8401</u>
Client ID	<u>287153</u>	Site ID	<u>747388</u>
SIC Code	<u>0252</u>	Municipality	<u>West Penn Township</u>
SIC Description	<u>Agriculture - Chicken Eggs</u>	County	<u>Schuylkill</u>
Date Application Received	<u>December 26, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>January 8, 2025</u>	WQM App. No.	<u>N/A</u>

Project Description Embrovac LLC submitted an Individual CAFO permit renewal application for their existing egg laying operation.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Project Manager	02/07/2025
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	02/07/2025

Description:

Embrovac LLC submitted an Individual CAFO permit renewal application for their existing egg laying operation located in Schuylkill County, West Penn Township. This farm operates as an egg laying facility that produces embryo eggs for vaccine production. Since the removal of Barn 1 to make way for additional incubation space, three layer barns remain holding the following animal population:

Animal Type	Number	AEUs
Layer, breeder hen, white egg: 17-70 wk.	100,000	306.30
Layer, breeder rooster, white egg: 17-70 wk.	10,000	41.19
	Total AEUs =	347.49

The operation is considered a CAO since the animal density exceeds 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 streams to the operation are UNT to Mahoning Creek and UNT to Wash Creek, both designated for High-Quality Cold-Water and Migratory Fishes (HQ-CWF, MF), located in Watershed 2-B. Both streams are considered to be not impaired by Department standards.

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 September 20, 2022, for crop years 2023, 2024, and 2025. There are 0 acres available on lands owned and/or rented by the applicant for manure application according to the NMP, resulting in a density of 347.49 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Layer Manure	2,923.0 tons	0.0	2,923.0 tons
Process Washwater	100,700.0 gal	0.0	100,700.0 gal

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Lazy Dog Farms 537 Shoey Rd, Mohrsville, PA 19541	Up to 2,370 tons poultry & Up to 105,000 gallons process washwater	Up to 105,000 gallons process washwater	Up to 2370 tons poultry & Up to 105,000 gallons process washwater	0
HazWald Farms LLC 115 Fredericks Rd, Sugarloaf, PA 18249	1,860 tons poultry	0	1,860 tons poultry	0
Wayne Gaston 966 Summer Mt Rd, Lehighon, PA 18255	323 tons poultry	0	323 tons poultry	283 tons poultry
Adam Gilbert 1164 Strauss Valley Rd. Lehighon, PA 18235	295 tons poultry	0	295 tons poultry	0

NPDES Permit Fact Sheet
NPDES Permit No. PA0276081
Embrovac LLC Farm

Raymond Lehman 515 W Mountain Top Road, Tamaqua, PA	153 tons poultry	0	153 tons poultry	0
---	------------------	---	------------------	---

Biros Septic Service removes and hauls away the material collected by the process washwater solids trap.

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.

The Washwater Tank must have a minimum freeboard of 9.1ft by December 15th of each year to implement the NMP.

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Usable Capacity
Washwater Tank	Liquid	18ft x 18ft x 10ft	0.5 ft	24,000 gallons

The manure from the birds falls beneath the floor of each layer barn into an 8 ft. deep pit. Barn 2 is 65ft x 540ft and could store 140,400cuft of manure. Barns 3 & 4 are each 60ft x 610ft and could each hold 146,400cuft of manure. All of the manure from the three barns is collected and transported weekly to a roofed solid manure storage building located west of the barns. This building measures 260ft x 60ft with a usable storage area of 112,500cuft.

The egg process washwater is collected in a concrete rectangular tank with concrete top.

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

Animal Mortality:

Mortalities are incinerated and the resulting ash is mixed with the manure in the manure stacking building.

Animal Concentration Areas (Chapter 102.4a):

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

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 the Northampton Borough Municipal Authority, located 32 miles downstream in Northampton, PA. This operation is not expected to have any adverse impact on any public water supplies.

NPDES Permit Fact Sheet
NPDES Permit No. PA0276081
Embrovac LLC Farm

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.