

Application Type Renewal
Facility Type CAFO
Permit Type Individual

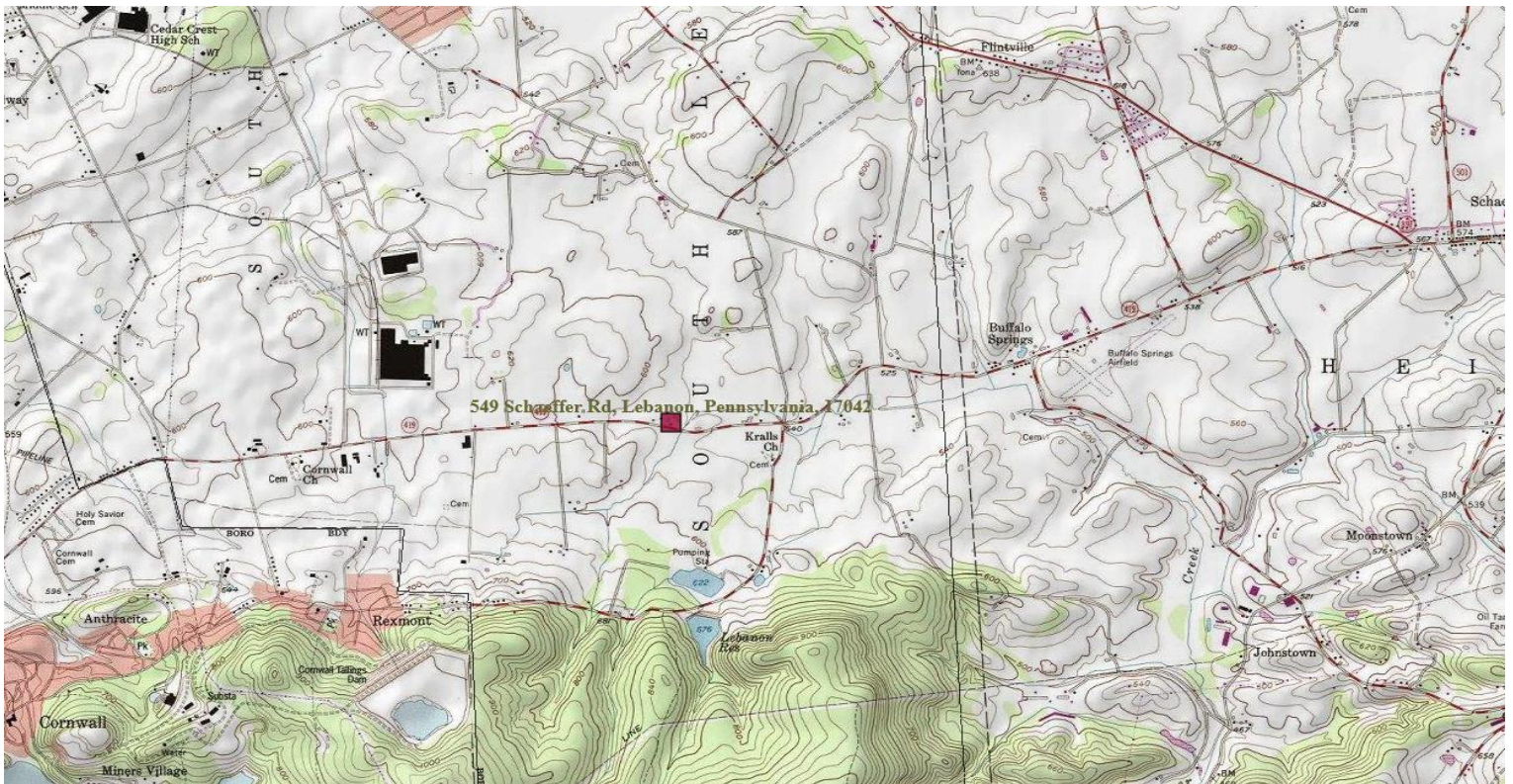
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0259802
APS ID 594525
Authorization ID 1449252

Applicant and Facility Information

Applicant Name	<u>Wen-Crest Farms LLC</u>	Farm Name	<u>Wen-Crest Farm CAFO</u>
Applicant Address	<u>549 Schaeffer Road</u> <u>Lebanon, PA 17042-9730</u>	Farm Address	<u>549 Schaeffer Road</u> <u>Lebanon, PA 17042-9730</u>
Applicant Contact	<u>Steve Wenger</u>	Farm Contact	<u>Steve Wenger</u>
Applicant Phone	<u>(717) 949-3215</u>	Farm Phone	<u>(717) 949-3215</u>
Client ID	<u>251140</u>	Site ID	<u>678497</u>
SIC Code	<u>0212, 0251</u> <u>Agriculture - Beef Cattle, Except Feedlots,</u> <u>Agriculture - Broiler, Fryer, And Roaster</u> <u>Chickens</u>	Municipality	<u>South Lebanon Township</u>
SIC Description		County	<u>Lebanon</u>
Date Application Received	<u>August 1, 2023</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>August 11, 2023</u>	WQM App. No.	<u>N/A</u>

Project Description Wen-Crest Farms LLC submitted an application for Individual NPDES CAFO permit renewal for their existing and expanding beef and poultry operation.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	November 22, 2023
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	11/22/2023

Description:

Wen-Crest Farms LLC submitted an application for Individual NPDES CAFO permit renewal for their existing and expanding beef and poultry operation located in South Lebanon Township, Lebanon County. The operation is not a CAO since the animal density does not exceed 2 AEUs/Acre. The operation is considered a large CAFO for exceeding 1,000 AEUs, 1000 cattle, and for exceeding the EPA large CAFO threshold of 125,000 broilers when using a solid manure handling system. Once expanded with the new proposed beef barn, the operation will have the following animal population:

Animal Type	Number	AEUs
Broilers 0-42 days	350,000	834.25
Beef Finishing Heifers 10-23 mo.	350	342.30
Beef Finishing: 8-24 mo.	900	855.00
	Total AEUs =	2,031.55

The nearest receiving water to the Home Farm is Tributary 07686 to Hammer Creek, designated as Cold Water Fishes and Migratory Fishes (CWF, MF), located in Watershed 7-J. This stream is impaired by habitat modification and alterations, agriculture siltation, and pathogens of an unknown source.

The nearest receiving water to Farm 2 is Hammer Creek, designated as Cold Water Fishes and Migratory Fishes (CWF, MF), located in Watershed 7-J. This stream is impaired by Habitat Modification - Other Than Hydromodification - Habitat Alterations, agriculture siltation, and pathogens of an unknown source.

The nearest receiving water to Farm 3 is Tributary 09744 To Quittapahilla Creek, designated as Trout Stocked Fishes and Migratory Fishes (TSF, MF), located in Watershed 7-D. This stream is impaired by Urban Runoff/Storm Sewers - Flow Regime Modification, Streambank Modifications/Destabilization - Habitat Alterations, and pathogens of an unknown source.

Manure/Nutrient Management:

The current NMP was approved on July 20, 2023, for crop years 2024, 2025, and 2026. There are 1,465.51 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 1.39 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Poultry	2,500.0 tons	2,592.1 tons	0.0
Beef Finishing Heifers	1,500.0 tons	1,457.1 tons	0.0
Imported Dairy	1,000,000.0 gal	1,218,650.0 gal	0.0
Beef Finishing Liq	2,738,447.0 gal	2,713,380.0 gal	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
This operation does not export any manure.				

If this operation were to change their NMP in the future to allow for the exportation of manure, the following requirements would have to 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 for crop years 2024, 2025, and 2026 on fields MM Smith 1A and MM Smith 1B.

The proposed beef slatted floor concrete underbarn storage must have a minimum of 3.5 ft of freeboard on December 15th of each year to implement the NMP. This allows for 3ft of winter storage and the minimum required freeboard of 0.5ft.

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Capacity
<i>Name</i>	<i>Liquid or solid</i>	<i>Ft x ft x ft</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
Slatted Floor Concrete Underbarn Storage (Proposed)	Liquid	10 x 85 x 300	0.5 ft	1,800,000 gal

The Home Farm has a 62' x 80' x 10' roofed structure with a 990 ton capacity along with a 40' x 90' x 6' concrete stack pad used for steer manure with a 600 ton capacity. Farm 2 has a 70' x 100' x 11' roofed structure with a 1,540 ton capacity. Farm 3 has a 50' x 80' x 10' roofed structure with an 800 ton capacity.

There are 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 (Proposed Underbarn Storage)
- Mortality Management (Onsite Composting)

NRCS Practice Code 313 Waste Storage Facility is prescribed as a BMP in the approved 2024 to 2026 NMP with an implementation time 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 self-inspection reporting, annual reporting, and regular compliance inspections.

Animal Mortality:

Mortalities are composted with broiler manure and compost is included in broiler litter production numbers.

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. There is a barnyard exercise lot located at the beef barn on the Home Farm. All manure and runoff are handled appropriately.

Chapter 102 E&S (Conservation Plans):

Agricultural Conservation Plans have been included and verified to exist for land subjected to plowing and tilling activities. Some BMPs prescribed in the conservation plan include Conservation Crop Rotation, Cover Crop, Forage Harvest Management, Nutrient Management, Residue Management, Mulch Till, Residue Management, No-Till/Strip Till, Riparian Forest Buffer, Stream Crossing, Upland Wildlife Habitat Management, Animal Mortality Facility, Barnyard Runoff Management, Comprehensive Nutrient Management Plan, Fence, and Filter Strip.

Downstream Public Water Supplies:

The nearest downstream public water supply intake is the City of Lancaster, located 33 miles downstream in Lancaster, PA. 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.