

Application Type Renewal
Facility Type CAFO
Permit Type Individual

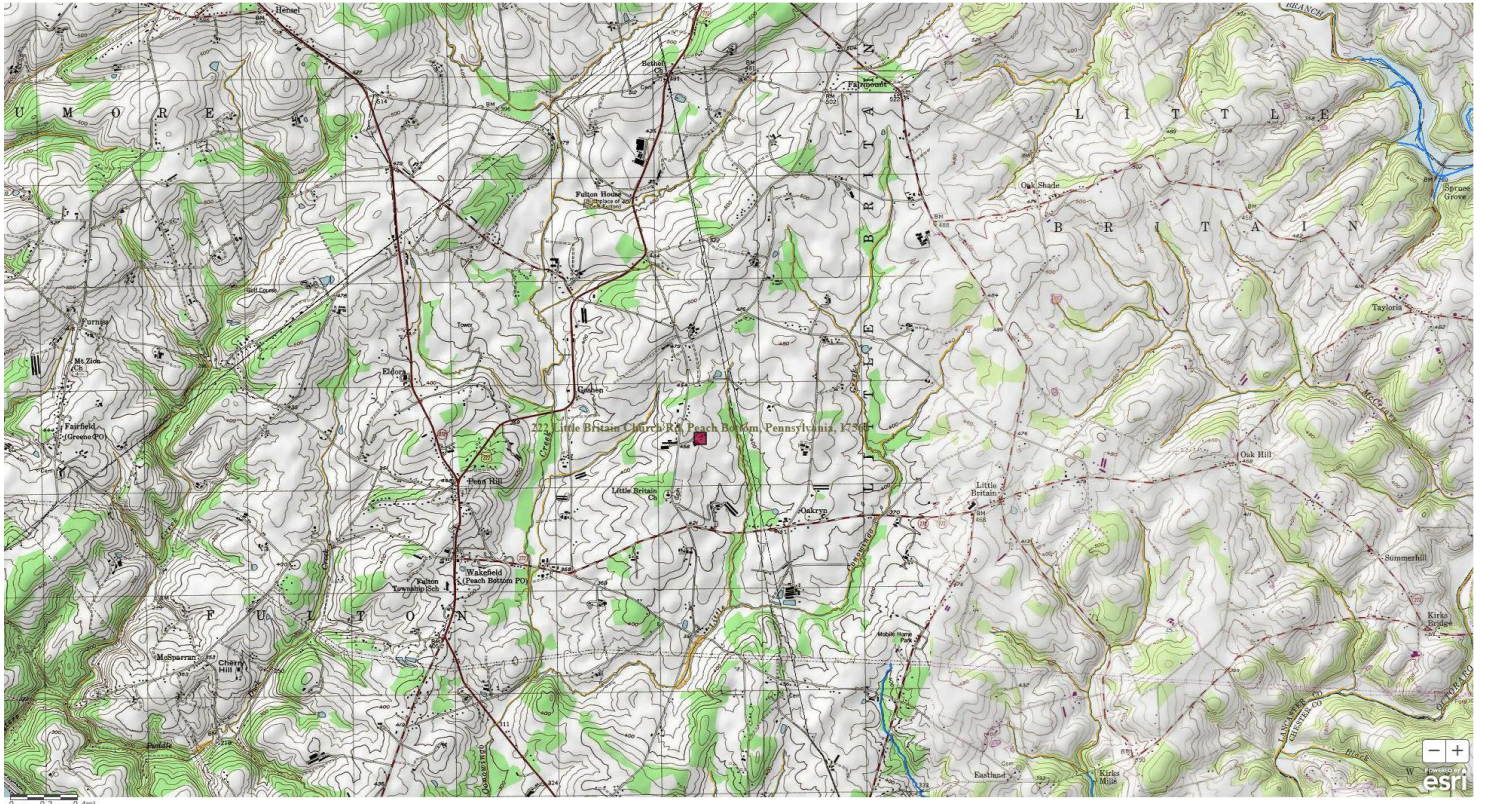
NPDES PERMIT FACT SHEET
CAFOs

Application No. PA0260550
APS ID 1112512
Authorization ID 1482263

Applicant and Facility Information

Applicant Name	<u>Oakryn Family Farm LLC</u>	Farm Name	<u>Oakryn Family Farm LLC</u>
Applicant Address	<u>222 Little Britain Church Road</u> <u>Peach Bottom, PA 17563-9620</u>	Farm Address	<u>222 Little Britain Church Road</u> <u>Peach Bottom, PA 17563-9620</u>
Applicant Contact	<u>Darwin Nolt</u>	Farm Contact	<u>Galen Nolt</u>
Applicant Phone	<u>(717) 419-1008</u>	Farm Phone	<u>(717) 548-3323</u>
Client ID	<u>385489</u>	Site ID	<u>684807</u>
SIC Code	<u>0213,0241,0252</u>	Municipality	<u>Fulton Township</u>
SIC Description	<u>Agriculture - Chicken Eggs, Agriculture - Dairy Farms, Agriculture - Hogs</u>	County	<u>Lancaster</u>
Date Application Received	<u>April 26, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>May 1, 2024</u>	WQM App. No.	<u>N/A</u>

Project Description Oakryn Family Farm LLC submitted an application for Individual CAFO permit renewal for their existing Dairy, Swine, and Layer operation.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Project Manager	05/08/2024
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	05/08/2024

Description:

Oakryn Family Farm LLC submitted an application for Individual CAFO permit renewal for their existing Dairy, Swine, and Layer operation located in Fulton Township, Lancaster County. The CAFO permit was previously issued to Galen L Nolt but is being renewed and transferred to Oakryn Family Farm LLC. Galen is a responsible person in the LLC. On a typical day the operation will have the following animals:

Animal Type	Number	AEUs
Lactating & Dry Cows	250	362.50
Holstein Heifer:1 -2 yr.	100	100.00
Holstein Calf: 0–1 yr.	90	37.80
Layer, brown egg: 18–90 wk.	14,000	53.90
Swine grow finish: 10–28 wk.	3,000	454.32
	Total AEUs =	1,008.52

This 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 that exceeds 300 AEUs, for exceeding 1,000 AEUs, and for exceeding the EPA’s large CAFO threshold of 2,500 swine each weighing 55 pounds or more.

The nearest potential receiving stream is Tributary 07180 To Conowingo Creek, designated for High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 7-K. This 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.

Manure/Nutrient Management:

The current NMP was approved on August 2, 2023, for crop years 2024, 2025, and 2026. There are 327.8 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 3.08 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Fall Liquid Dairy	1,000,000.0 gal	1,562,300.0 gal	0.0
Spring Liquid Dairy	1,000,000.0 gal	1,008,400.0 gal	0.0
Pen Pack	1,200.0 tons	1,240.0 tons	0.0
Layer Manure	250.0 tons	0.0	250.0 tons
Liquid Swine Manure	1,300,000.0 gal	1,135,800.0 gal	164,200.0 gal
Mortality Compost	35.0 tons	59.5 tons	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Lehman Ag, LLC [Broker 457-MB2] 56 Creamery Road, Pequea PA 17565	250 tons Layer & 250,000 gallons Swine	0	100 tons Layer & 250,000 gallons Swine	100 tons Layer & 300,000 gallons Swine

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. PA0260550
Oakryn Family Farm LLC

recipient name and address, and approximate amount of manure, litter or process wastewater transferred to another person.

Up to 49 tons of pen pack and up to 207,000 gallons of liquid swine manure will be spring applied onto approximately 35.0 acres of cropland under the management control of Oakryn Family Farm LLC located in Maryland. The Maryland ground is located at 1410 Rock Springs Road, Rising Sun MD 21911.

Winter Manure Management:

Application of manure during the winter period is approved in the NMP. See the approved NMP for the Field IDs that have planned winter application.

Manure storage facilities should have adequate freeboard on December 15th of each year to implement the NMP. Below are the minimum freeboards that must be available on December 15th:

Storage	Minimum Freeboard on December 15th
Hog Barn Deep Pit	2.1 ft
Circular Concrete Storage	8.6 ft

Manure Storage Facilities:

The operation has the following manure storages:

Storage	Type	Dimensions	Freeboard	Usable Capacity
<i>Name</i>	<i>Liquid or solid</i>	<i>Feet x feet x feet</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
Hog Barn Deep Pit	Liquid	250' x 100' x 6'	0.5 ft	1,028,500 gal
Circular Concrete Storage	Liquid	120' x 14'	2 ft	1,014,647 gal

Dairy manure currently passes through a mechanical solids separator that removes solids from the manure that are reused for bedding, while the liquid manure is piped to the circular concrete storage.

Solid manure storages on the operation include the 120' x 55' x 6' Layer Roofed Stacking Shed and the 30' x 40' x 6' Separator Shed.

There is no infield manure stacking and no proposed manure storage facilities 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 (Concrete Underbarn & Concrete Circular Storage)
- Mortality Management (Composting)

NRCS Practice Code 412 Waterway Maintenance is prescribed as a BMP in the approved 2024 to 2026 NMP for this operation. The BMP location is Field ID H4-H5-H6 with an implementation season of Spring 2025.

**NPDES Permit Fact Sheet
NPDES Permit No. PA0260550
Oakryn Family Farm LLC**

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 on site with separated solids in the roofed waste storage facility.

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.

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.

Downstream Public Water Supplies:

The Pennsylvania Maryland state line is located over 7 miles downstream of the operation. The nearest downstream public water supply intake is located beyond the state line. This facility 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.