

Application Type Renewal
Facility Type CAFO
Permit Type Individual

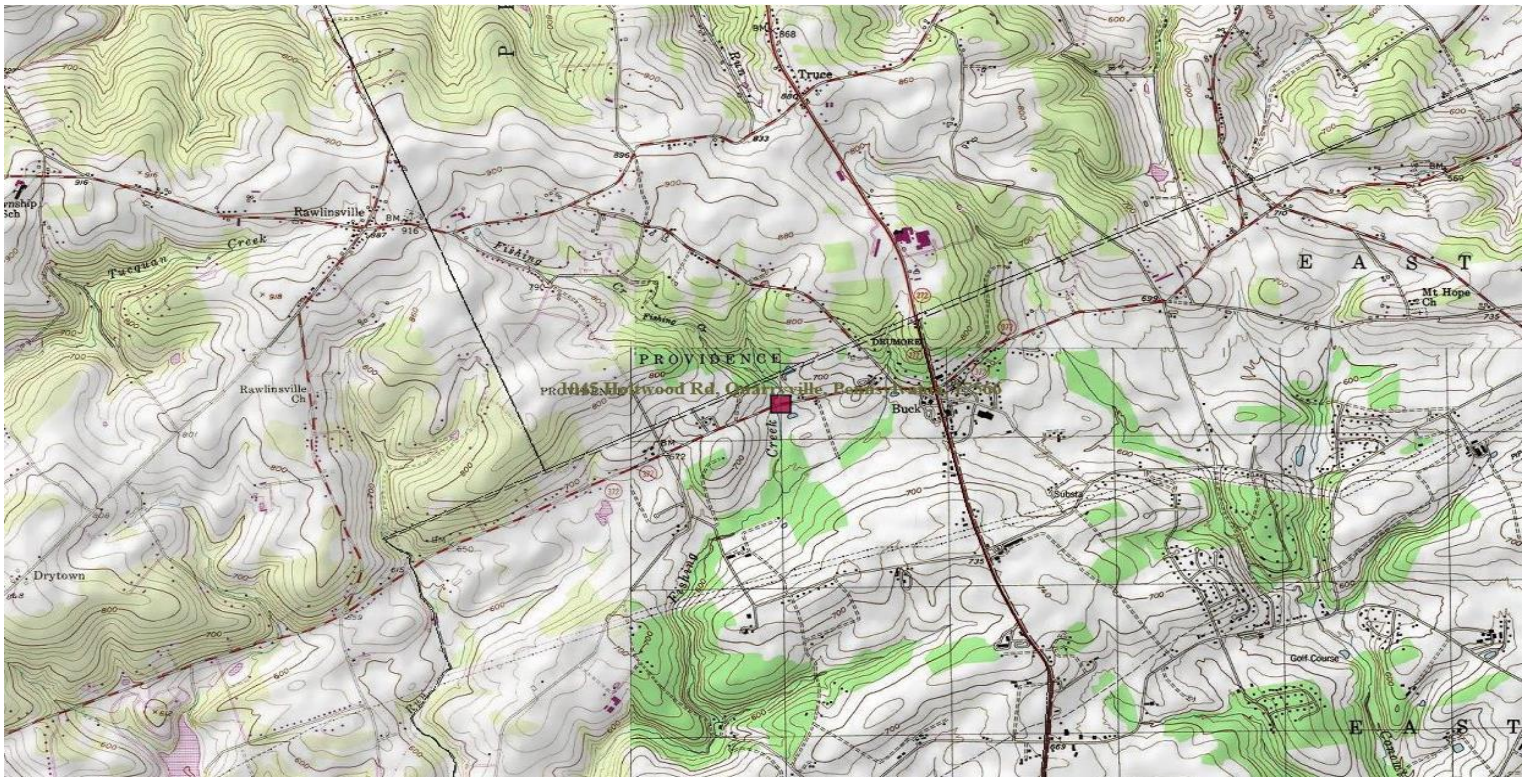
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0266574
APS ID 944055
Authorization ID 1410520

Applicant and Facility Information

Applicant Name	<u>John R Lefever</u>	Farm Name	<u>John Lefever Farm CAFO</u>
Applicant Address	<u>1045 Holtwood Road</u> <u>Quarryville, PA 17566-9729</u>	Farm Address	<u>1045 Holtwood Road</u> <u>Quarryville, PA 17566-9729</u>
Applicant Contact	<u>John Lefever</u>	Farm Contact	<u>John Lefever</u>
Applicant Phone	<u>(717) 371-2156</u>	Farm Phone	<u>(717) 371-2156</u>
Client ID	<u>335299</u>	Site ID	<u>823573</u>
SIC Code	<u>0191,0252</u>	Municipality	<u>Drumore Township</u>
SIC Description	<u>Agriculture - Chicken Eggs,</u> <u>Agriculture - General Farms, Primarily</u> <u>Crops</u>	County	<u>Lancaster</u>
Date Application Received	<u>September 16, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>September 20, 2022</u>	WQM App. No.	<u>N/A</u>

Project Description John R Lefever submitted an Individual NPDES CAFO application for renewal of his existing layer operation.



Approve	Deny	Signatures	Date
x		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	November 3, 2022
x		<i>Scott M. Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	11/3/2022

Description:

John Lefever Farm CAFO is an existing layer operation located in Drumore Township, Lancaster County. The operation has two cage free layer houses each containing 45,000 birds. The operation has the following animal population:

Animal Type	Number	AEUs
Layer, brown egg: 18-90 wk.	90,000	346.50
	Total AEUs =	346.50

The operation is not considered a CAO due to having an animal density less than 2 AEUs/Acre. The operation is considered a large CAFO for exceeding the EPA large CAFO threshold of 82,000 laying hens when using other than a liquid manure handling system.

The nearest receiving water is Fishing Creek, designated as High-Quality Cold-Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 7-K. This stream is impaired by Agriculture Siltation and Habitat Modification. The Department’s individual NPDES CAFO permit is appropriate for this operation.

Manure/Nutrient Management:

The current NMP was approved on December 2, 2020, for crop years 2021, 2022, and 2023. There are 296.3 acres available on lands rented by the applicant for manure application according to the NMP, resulting in a density of 1.17 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Layer Manure	1,400 tons	876.5 tons	524.0 tons

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Tim Jordan [MB1-1787] 3340 Delta Road Airville PA 17302	525 tons	0 tons	525 tons	350 tons

Excess manure that is not spread on the operation is exported to certified manure broker Tim Jordan. Additionally, Mr. Lefever has operational control of 111.3 acres in Maryland that may receive up to 400 tons of layer manure annually.

Winter Manure Management:

Application of manure during the winter period is approved in the NMP for Crop Year 2023 on fields H1, L2, M1, M2, MR1, and MR2.

There are no liquid manure storages located on the operation that would need to meet freeboard by December 15th.

Manure Storage Facilities:

Storage Name	Type	Dimensions	Freeboard	Capacity
	<i>Liquid or solid</i>	<i>Ft x ft x ft</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
Detached Roofed Waste Storage Facility	Solid	60' x 120' x 10' (plus 5' heap)	N/A	2300 ton

Layer manure from both layer houses is transported daily via a belted manure system to the detached roofed waste storage facility located at the west end of the layer houses.

There are no proposed manure storage facilities, no planned in-field manure stacking, 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. 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 (Roofed Solid Manure Facility)
- Mortality Management (Composted with Layer Manure in Detached Roofed Facility)

No additional BMPs are proposed by the applicant within the approved Nutrient Management Plan's BMP Implementation Summary.

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:

The mortalities are composted with layer manure in the detached roofed waste storage facility.

Animal Concentration Areas (Chapter 102.4a):

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

Chapter 102 E&S (Conservation Plans):

Agricultural E&S or Conservation Plans have been included and verified to exist for land subjected to plowing and tilling activities.

Downstream Public Water Supplies:

The nearest downstream public water supply is the Peach Bottom Power Station, located 13 miles downstream on the Susquehanna River in Peach Bottom, PA. This operation is not expected to have any adverse impact on the public water supply.

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.