

Application Type Renewal  
Facility Type CAFO  
Permit Type Individual

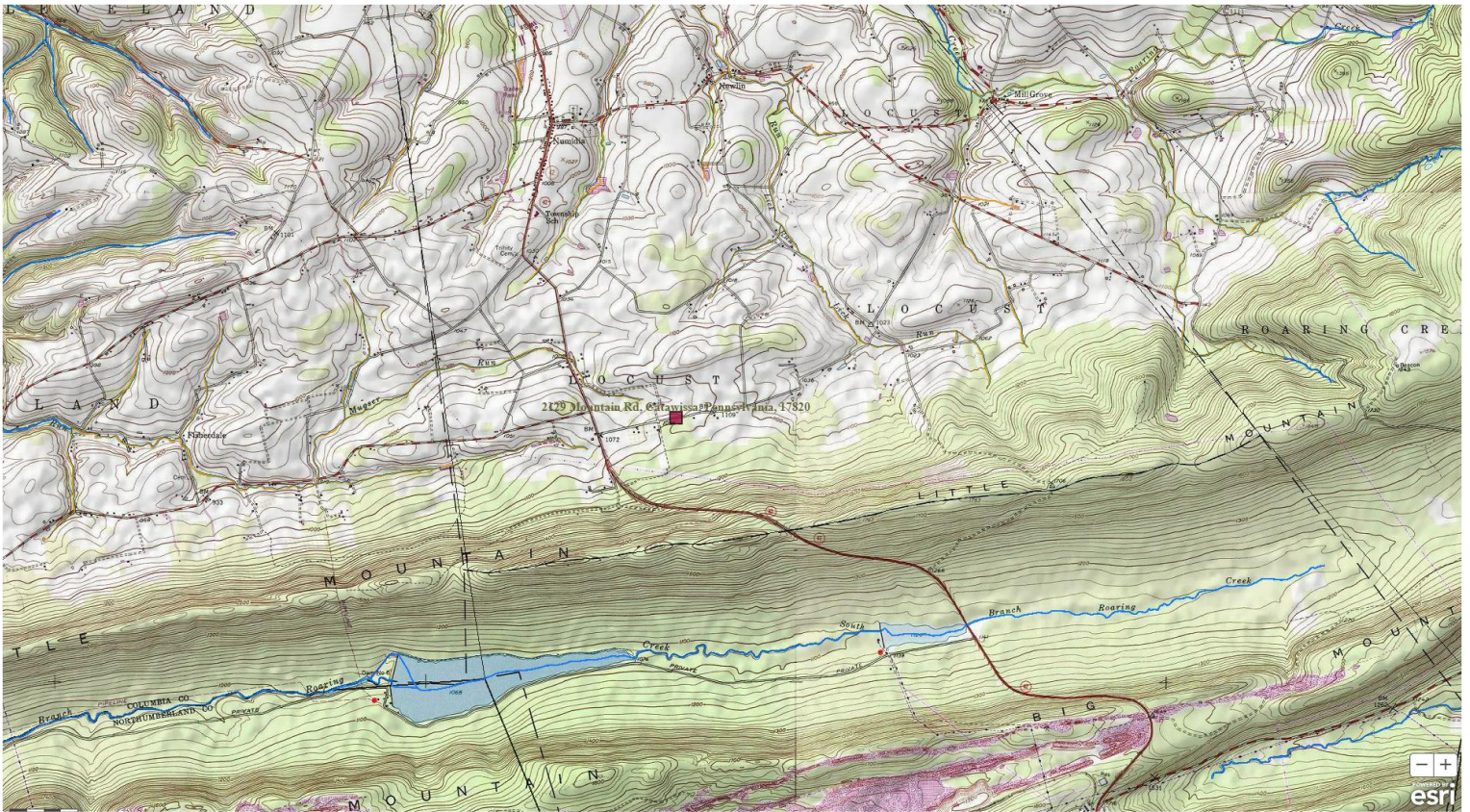
**NPDES PERMIT FACT SHEET  
CAFOs**

Application No. PA0266736  
APS ID 964551  
Authorization ID 1421788

**Applicant and Facility Information**

Applicant Name	<u>LGH Farms LLC</u>	Farm Name	<u>LGH Farms LLC Layers</u>
Applicant Address	<u>1461 Numidia Drive</u> <u>Catawissa, PA 17820-8675</u>	Farm Address	<u>2129 Mountain Road</u> <u>Catawissa, PA 17820</u>
Applicant Contact	<u>Andrew Helwig</u>	Farm Contact	<u>Andrew Helwig</u>
Applicant Phone	<u>(570) 394-3815</u>	Farm Phone	<u>(570) 394-3815</u>
Client ID	<u>341942</u>	Site ID	<u>828704</u>
SIC Code	<u>0252</u>	Municipality	<u>Locust Township</u>
SIC Description	<u>Agriculture - Chicken Eggs</u>	County	<u>Columbia</u>
Date Application Received	<u>December 22, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>December 29, 2022</u>	WQM App. No.	<u>N/A</u>

Project Description LGH Farms LLC submitted an application for CAFO permit renewal for their existing layer operation.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	April 10, 2023
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	4/13/2023

**Description:**

LGH Farms LLC submitted an NPDES application for CAFO permit renewal for their existing layer operation located in Locust Township, Columbia County. The operation is considered a CAO for exceeding 8 AEU's and for exceeding an animal density of 2 AEU's/Acre. The operation is considered a large CAFO for being a CAO that exceeds 300 AEU's and for exceeding the EPA large CAFO threshold of 82,000 layers when on a dry manure handling system. The operation has the following animal population:

Animal Type	Number	AEUs
Layer, breeder hen, white egg: 17-70 wk.	120,000	373.97
Layer, breeder rooster, white egg: 17-70 wk.	11,400	47.77
	<b>Total AEU's =</b>	<b>421.74</b>

The nearest receiving water is Mugser Run, designated as High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 5-E. This stream is impaired by Agriculture Siltation, and Agriculture and Rural E. coli. The operation is located in a High-Quality Watershed, so the Department's Individual CAFO Permit is appropriate.

**Manure/Nutrient Management:**

The current NMP was approved on May 4, 2022, for crop years 2023, 2024, and 2025. There are 68.5 acres available on lands owned by the applicant for manure application according to the NMP, resulting in a density of 6.16 AEU's/acre.

*Manure Group Information:*

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Layer Breeders	1,847.2 tons	98.4 tons	1,749.0 tons

*Exported Manure:*

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Todd C. Rush <b>Broker [2746-MB2]</b> 224 Butternut Lane, Elysburg, PA 17824	500 tons	500 tons	500 tons	500 tons

Remaining unutilized manure on this operation is exported to certified manure broker Todd C. Rush.

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.

There are no liquid manure storages associated with this operation and therefore no required freeboards that must be met by December 15<sup>th</sup> of each year to implement the NMP.

**Manure Storage Facilities:**

<b>Storage</b>	<b>Type</b>	<b>Dimensions</b>	<b>Freeboard</b>	<b>Usable Capacity</b>
<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>
Roofed Concrete Manure Stacking Shed (East of Poultry Barns)	Solid	60' x 72' x 8'	N/A	51,503 cubic feet
Three separate Roofed Concrete Stacking Structures attached to Northwest end of each Layer Barn	Solid	36' x 66.5' x 8' each	N/A	16,963 cubic feet each

The three stacking structures attached to the Northwest end of each layer barn will be loaded using a manure scraper system. Solid manure can also be stacked in the separate roofed concrete stacking structure located to the East of the poultry barns.

The operation does not field stack manure and there are no alternative manure technology practices planned 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 (Solid Manure Stacking Structures)
- Mortality Management (Composting)

NRCS Practice Code 313 Waste Storage Structure is prescribed as a BMP in the approved 2023 to 2025 NMP with an implementation season and year of Summer 2022.

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:**

The mortalities will be composted onsite.

**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. Some practices listed in the E&S plan include 328 Conservation Crop Rotation, 330 Contour Farming, 412 Grassed Waterway, 590 Nutrient Management, 329 Residue and Tillage Management No Till, 600

Terrace, 316 Animal Mortality Facility, 561 Heavy Use Area Protection, 390 Riparian Herbaceous Cover, 558 Roof Runoff Structure, 367 Roofs and Covers, and 313 Waste Storage Facility.

**Downstream Public Water Supplies:**

The nearest downstream public water supply intake is located over 20 miles downstream on the North Branch Susquehanna River by the Danville Municipal Water Authority in Danville Borough.

**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.