

Application Type

Renewal

Facility Type

CAFO

Permit Type

Individual

Application No.

PA0229091

APS ID

604644

Authorization ID

1505064
 NPDES PERMIT FACT SHEET  
CAFOs

Applicant and Facility Information			
Applicant Name	<u>Greg A Haladay</u>	Farm Name	<u>GNH Farms LLC</u>
Applicant Address	224 White Church Road	Farm Address	282 Middle Road
	Elysburg, PA 17824-9161		Catawissa, PA 17820
Applicant Contact	<u>Greg Haladay</u>	Farm Contact	<u>Greg Haladay</u>
Applicant Phone	<u>(570) 204-5987</u>	Farm Phone	<u>(570) 204-5987</u>
Client ID	<u>253889</u>	Site ID	<u>684143</u>
SIC Code	<u>0213,0259</u>	Municipality	<u>Cleveland Township</u>
SIC Description	Agriculture – Hogs Agriculture - Poultry and Eggs, Nec	County	<u>Columbia</u>
Date Application Received	<u>October 25, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>November 6, 2024</u>	WQM App. No.	<u>N/A</u>
Project Description	Greg A Haladay submitted an Individual CAFO permit renewal application for his existing poultry and swine operation.		



Approve	Deny	Signatures	Date
<input checked="" type="checkbox"/>		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Project Manager	11/07/2024
<input checked="" type="checkbox"/>		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	11/07/2024

**Description:**

Greg A Haladay submitted an Individual CAFO permit renewal application for his existing poultry and swine operation located in Columbia County, Cleveland Township. The operation has a swine barn located at 360 Tyson School Road and a layer barn at 282 Middle Road in Catawissa, PA. The operation has the following animal population:

Animal Type	Number	AEUs
Layer, white egg: 18–90 wk.	95,000	298.30
Swine grow finish: 10–28 wk.	2,100	294.29
Beef Finishing: 8–24 mo.	14	13.30
Medium Breed Ewe	8	1.40
Light Horse Mature	2	2.20
Medium Breed Lamb: 0–1 yr.	10	0.80
Medium Breed Ram	4	0.90
Meat Goat Doe	2	0.30
Meat Goat Kid: 0–1 yr.	4	0.04
Meat Goat Buck	3	0.60
	<b>Total AEUs =</b>	<b>612.13</b>

The operation is not considered a CAO since the animal density does not exceed 2 AEUs/Acre. The operation is considered a large CAFO for exceeding the EPA large CAFO threshold of 82,000 laying hens when using a solid manure handling system.

The nearest receiving stream to the layer barn is an unnamed tributary to Mugser Run, designated for High-Quality Cold-Water and Migratory Fishes (HQ-CWF, MF), located in Watershed 5-E. The stream is impaired by agriculture E. coli and rural E. coli.

The nearest receiving stream to the swine barn is an unnamed Tributary to Roaring Creek, designated for Cold-Water and Migratory Fishes (CWF, MF), located in Watershed 5-E. The stream is impaired by agriculture E. coli.

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 June 5, 2024, for crop years 2025, 2026, and 2027. There are 700.9 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 0.87 AEUs/acre.

**Manure Group Information:**

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Layer Manure	713.0 tons	887.2 tons	0.0
Swine Manure	673,000.0 gal	878,800.0 gal	0.0
Beef Manure	45.0 tons	93.6 tons	0.0
Beef Manure - uncollected	30.0 tons	30.0 tons	0.0
Sheep & Goat Manure - uncollected	14.8 tons	14.8 tons	0.0
Horse Manure - uncollected	11.0 tons	11.0 tons	0.0
Mortality Compost	25.0 tons	30.0 tons	0.0
Field H9 - Grazing Calculator	18.7 tons	18.7 tons	0.0
Field H10 - Grazing Calculator	18.6 tons	18.6 tons	0.0
Field H11 - Grazing Calculator	18.5 tons	18.5 tons	0.0

**NPDES Permit Fact Sheet**  
**NPDES Permit No. PA0229091**  
**GNH Farms LLC**

**Exported Manure:**

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
John Cronrath 70 Hill Top Lane, Catawissa, PA 17820	Up to 124 tons Layer & up to 247,600 gallons Swine	0	Up to 124 tons Layer & Up to 247,600 gallons Swine	0
Hampton Farms 252 Lake Glory Road, Catawissa, PA 17820	Up to 329 tons Layer	0	Up to 329 tons Layer	0
Wayne Kremser 419 Ridge Road, Catawissa, PA 17820	Up to 153 tons Layer & up to 305,200 gallons Swine	0	Up to 153 tons Layer & up to 305,200 gallons Swine	0
Adam Welkom 294 Johnson School Road, Catawissa, PA 17820	Up to 126 tons Layer	0	Up to 126 tons Layer	0
Todd C. Rush [Broker 2746-MB2] 224 Butternut Lane, Elysburg, PA 17824	200 tons Layer & 200,000 gallons Swine	200 tons Layer & 200,000 gallons Swine	200 tons Layer & 200,000 gallons Swine	0

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 swine concrete underbarn storage must have a minimum freeboard of 1.73 feet (1.23ft of usable storage plus 0.5 ft of freeboard) by December 15<sup>th</sup> of each year to implement the NMP.

**Manure Storage Facilities:**

The E&S plan for this operation informs on maintaining the existing reinforced gravel temporary manure stacking pad.

A 57' x 600' x 6' concrete manure storage pit is located under the layer housing area. Poultry manure falls from the housing above into the storage pit. The calculated useable storage capacity for this storage is 133,525 cubic feet when accounting for manure stacked to a height of 4 feet in the center of the structure.

The swine concrete underbarn manure storage has dimensions 80' x 210' x 6' and a usable capacity of 691,152 gallons when accounting for a minimum required 6" freeboard.

There are no proposed manure storage facilities, no plans to field stack manure, 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. 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 (Swine Underbarn)
- Mortality Management (Composting)

There are no NRCS Practice Codes prescribed as BMPs in the approved 2025 to 2027 NMP for this operation.

Based upon this evaluation, DEP believes no additional BMPs will be required at this time to protect water quality criteria. This determination will be reevaluated through review of self-inspection reporting, annual reporting, and regular compliance inspections

### **Animal Mortality:**

An animal mortality facility is located at the layer barn and is used to manage mortalities. Mortality compost is applied to cropland in the spring.

### **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. Some BMPs listed in the E&S plan include Conservation Crop Rotation (328), Contour Farming (330), Crop Residue Management (344), Animal Mortality Facility (316), Prescribed Grazing (528), Fence (382), Grassed Waterway (412), Waste Storage Facility – Liquid Underbarn (313), Forage Harvest Management (511), Nutrient Management (590), Residue And Tillage Management, No-Till/Strip Till/Direct Seed (329), and Stripcropping (585).

### **Downstream Public Water Supplies:**

The nearest downstream public water supply intake is Cherokee Pharmaceuticals LLC, located 22 miles downstream in Riverside Borough, 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.