

Application Type

Renewal

Facility Type

CAFO

Permit Type

Individual

**NPDES PERMIT FACT SHEET  
CAFOs**

Application No.

**PA0266418**

APS ID

**931281**

Authorization ID

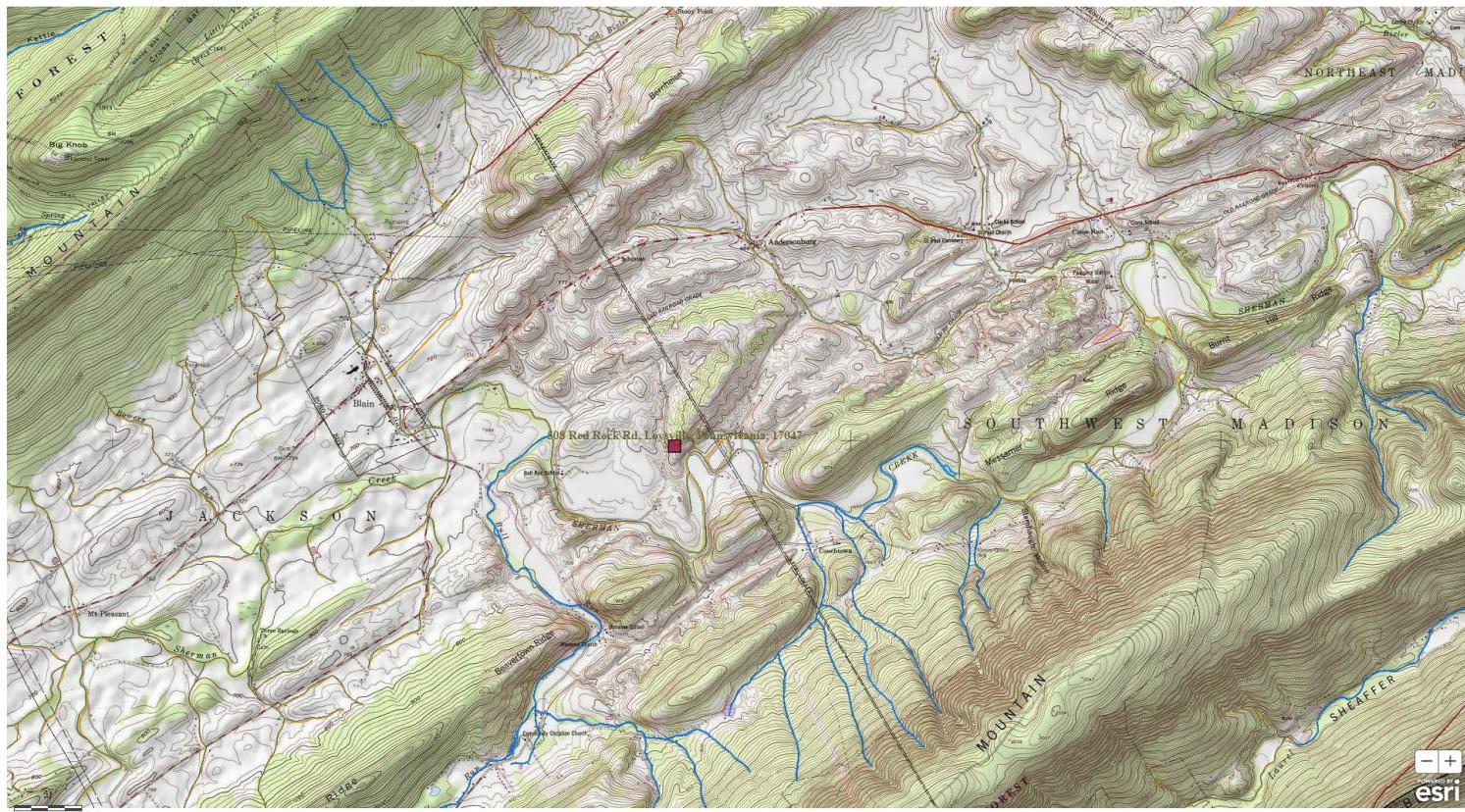
**1416672**

**Applicant and Facility Information**

Applicant Name	<b>Trout Brothers Farm LLC</b>	Farm Name	<b>Trout Brothers Farm</b>
Applicant Address	508 Red Rock Road	Farm Address	508 Red Rock Road
Applicant Contact	Loysville, PA 17047-6100	Farm Contact	Loysville, PA 17047-6100
Applicant Phone	Jeff Trout	Farm Phone	Jeff Trout
Client ID	(717) 329-2676	Site ID	(717) 329-2676
SIC Code	263891	Municipality	705567
SIC Description	0241	County	Jackson Township
Date Application Received	October 31, 2022	WQM Required	Perry
Date Application Accepted	November 9, 2022	WQM App. No.	Yes
			5008201

Project Description

Trout Brothers Farm LLC submitted an application for renewal of their Individual CAFO permit for their existing dairy operation.



Approve	Deny	Signatures	Date
x		Hans D. Shollenberger Hans D. Shollenberger / Project Manager	03/25/2025
x		Scott M Arwood Scott M. Arwood, P.E. / Environmental Engineer Manager	03/25/2025

**Description:**

Trout Brothers Farm LLC submitted an application for renewal of their Individual CAFO permit for their existing dairy operation located in Jackson Township, Perry County. The operation has the following animal population:

Animal Type	Number	AEUs
Holstein Cow (Lactating & Dry)	900	1,305.00
Holstein Heifer: 1 -2 yr.	360	360.00
Holstein Calf: 0-1 yr.	260	109.20
Light Horse Mature	1	1.10
	<b>Total AEUs =</b>	<b>1,775.30</b>

The 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 large CAFO threshold of 700 mature dairy cows whether milked or dry.

The nearest receiving water to the home farm is Sherman Creek, designated as High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF) and having an existing use of Exceptional Value and Migratory Fishes (EV, MF), located in Watershed 7-A. This stream is impaired by agriculture pathogens.

The nearest receiving water to the Book Farm Lagoon is Tributary 11302 To Sherman Creek, designated as High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 7-A. This stream is impaired by agriculture pathogens. The Department's Individual CAFO permit is appropriate for this operation.

**Manure/Nutrient Management:**

The current NMP was approved on January 13, 2025, for crop years 2025, 2026, and 2027. There are 641.0 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 2.77 AEUs/acre.

**Manure Group Information:**

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Dairy Liquid Spring	7,551,114.0 gal	8,695,200.0 gal	4,000,000.0 gal
Dairy Liquid Spring - uncollected	135.0 tons	137.6 tons	0.0
Dairy Liquid Fall	8,095,314.0 gal	7,139,600.0 gal	4,000,000.0 gal
Dairy Liquid Fall - uncollected	270.0 tons	271.1 tons	0.0
Pen Pack	525.0 tons	0.0	525.0 tons
Dairy Liquid Winter	169,814.0 gal	567,900.0 gal	0.0
Book Lagoon Fall	724,500.0 gal	1,168,200.0 gal	0.0
Book Lagoon Spring	1,268,700.0 gal	2,039,400.0 gal	0.0
Small Animal Group	5.5 tons	0.0	0.0
Small Animal Group - uncollected	5.5 tons	5.5 tons	0.0

**Exported Manure:**

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Dan Rice 6809 Shermans Valley Rd, Blain PA 17006	560 tons Dairy & 81,000 gallons Dairy	81,000 gallons Dairy	560 tons Dairy & 81,000 gallons Dairy	0
Dennis Hoover	1,402 tons Dairy	0	1,402 tons Dairy	0

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101 Three Springs Road, Blain PA 17006				
Ed Wilt 215 Adams Grove Road, Blain PA 17006	3,100 tons Dairy & 384,333 gallons Dairy	3,100 tons Dairy & 384,333 gallons Dairy	3,100 tons Dairy & 384,333 gallons Dairy	0
Jeff Zimmerman 6079 Shermans Valley Road, Loysville Pa 17047	675,000 gallons Dairy	0	675,000 gallons Dairy	0
Travis McKeehan 383 Book Road, Blain Pa 17006	1,560 tons Dairy & 702,000 gallons Dairy	0	1,560 tons Dairy & 702,000 gallons Dairy	0
James Adams 988 Fowlers Hollow Road, Blain PA 17006	1,141 tons Dairy & 1,026,900 gallons Dairy	0	1,141 tons Dairy & 1,026,900 gallons Dairy	0
Dave Morrow 237 Briar Road Loysville PA 17047	500,000 gallons Dairy	0	500,000 gallons Dairy	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 approved in the NMP.

The Stage 3 HDPE Lagoon must have a minimum freeboard of 11.4ft on December 15<sup>th</sup> of each year to implement the NMP. This will allow for 9.4ft of storage space over the winter and the minimum required 2ft of emergency freeboard at all times.

The Book Farm HDPE Lagoon must have a minimum freeboard of 9.9ft on December 15<sup>th</sup> of each year to implement the NMP. This will allow for 7.9ft of storage space over the winter and the minimum required 2ft of emergency freeboard at all times.

**Manure Storage Facilities:**

Storage	Type	Dimensions	Freeboard	Capacity
Name	Liquid or solid	ft	Minimum regulatory	Gallons or cubic feet
HDPE Lagoon Stage 1	Liquid	12' x 50' x 200'	2 ft	750,000 gallons
HDPE Lagoon Stage 2	Liquid	12' x 50' x 200'	2 ft	750,000 gallons
HDPE Lagoon Stage 3	Liquid	12' x 150' x 300'	2 ft	3,000,000 gallons
Book Farm HDPE Lagoon	Liquid	180' x 280' x 14'	2 ft	3,096,783 gallons

This operation stores liquid manure in three HDPE Lagoons (Stage 1, Stage 2, Stage 3) at the home farm and one HDPE lagoon at the Book Farm.

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The operation was issued WQM #5008201 on August 27, 2008 and that permit was then amended on September 26, 2019.

There are no proposed manure storage facilities, no plans for 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. 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 (HDPE Lagoons)
- Mortality Management (Onsite Composting)

The following NRCS Practice Codes are prescribed as BMPs in the approved 2025 to 2027 NMP:

- 533 Pumping Plant, BMP location: FS, Spring 2025
- 634 Waste Transfer, BMP location: FS, Spring 2025
- 632 Waste Separation, BMP location: FS, Spring 2025
- 635 Vegetated Treatment Area, BMP location: FS, Spring 2025
- 575 Trails & Walkways, BMP location: 112, Spring 2025
- 512 Pasture & Hay Planting, BMP location: ACA in 112, Fall 2025

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 onsite using bedded pack manure as a carbon and nitrogen source. Mortality compost is exported off site along with the bedded pack solid manure.

**Animal Concentration Areas (Chapter 102.4a):**

Animal Heavy Use Areas (AHUAs) are designated in the E&S plan, and will be managed according the provisions of the E&S Plans.

**Chapter 102 E&S (Conservation Plans):**

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

**Downstream Public Water Supplies:**

The nearest downstream public water supply intake is the Hidden Valley BSC, located 13 miles downstream on Shermans Creek, in Tyrone Township. This CAFO is not expected to have any adverse impacts on any public water supply intakes.

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**Compliance History:**

This operation has agreed to a compliance schedule due to previous violations found by PA DEP Southcentral Regional Office Waterways and Wetlands compliance staff during a site inspection on December 17, 2024. The operation currently has the following open violation:

<b>Violation ID</b>	<b>Date</b>	<b>Violation Description</b>
8222632	02/26/2025	NPDES Agriculture - Failure by a CAFO to submit an annual report or other inspection reports
		Resolution:
		PA Code Legal Citation: 25 Pa. Code 92a.42 : <a href="#">PA Code Website</a>

**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.