

Application Type

Renewal

Facility Type

CAFO

Permit Type

Individual

Application No.

PA0228401

APS ID

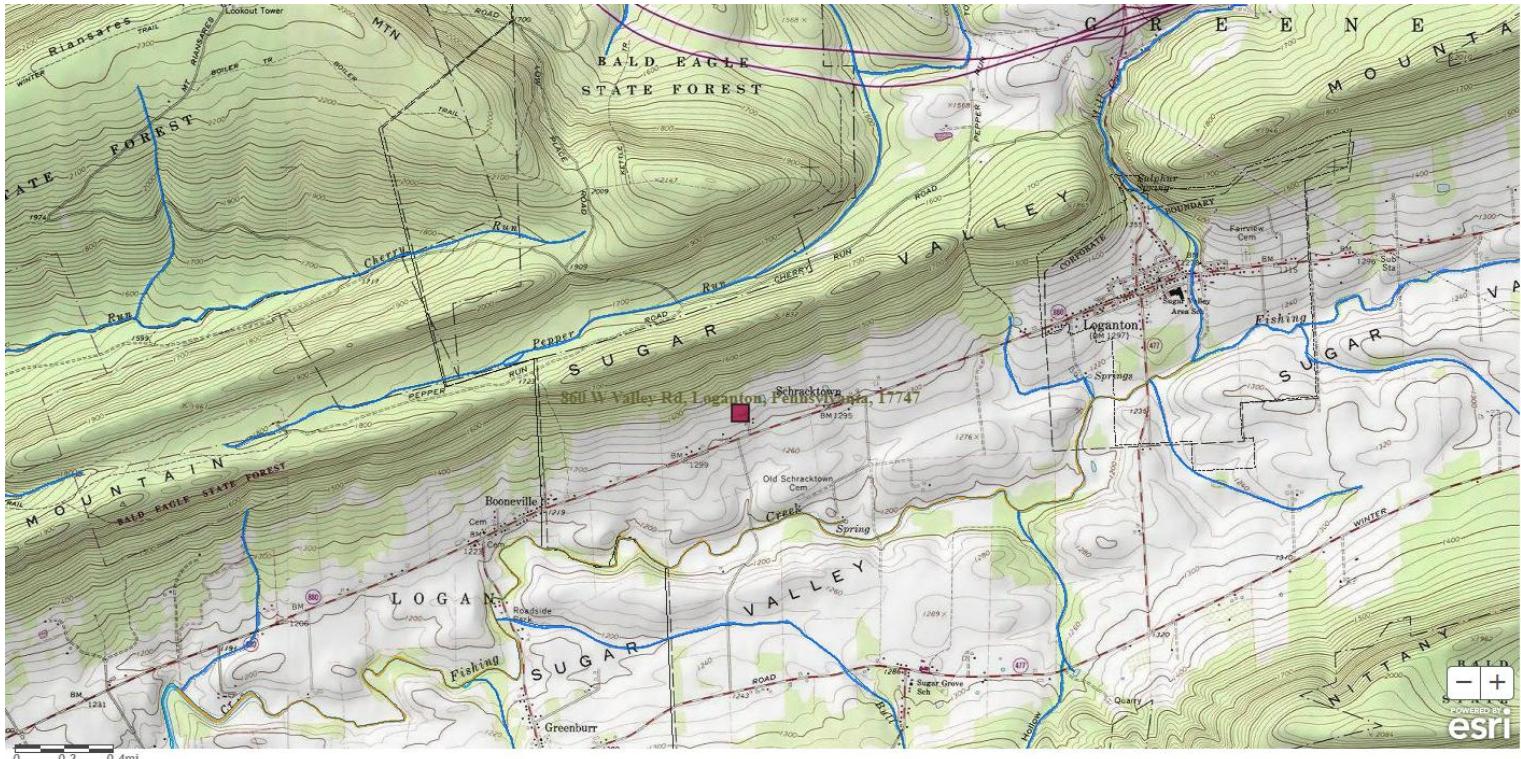
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Authorization ID

1509613

NPDES PERMIT FACT SHEET CAFOs

Applicant and Facility Information			
Applicant Name	Schrack Farms Partnership		
Applicant Address	860 West Valley Road		
	Loganton, PA 17747-8935		
Applicant Contact	James Harbach		
Applicant Phone	(570) 263-0672		
Client ID	122703		
SIC Code	0241		
SIC Description	Agriculture - Dairy Farms		
Date Application Received	December 16, 2024		
Date Application Accepted	December 17, 2024		
Project Description	Schrack Farms Partnership submitted an Individual CAFO permit renewal application for their existing dairy operation.		



Approve	Deny	Signatures	Date
X		Hans D. Shollenberger Hans D. Shollenberger / Project Manager	08/07/2025
X		Scott M Arwood Scott M. Arwood, P.E. / Environmental Engineer Manager	08/07/2025

Description:

Schrack Farms Partnership submitted an Individual CAFO permit renewal application for their existing dairy operation located in Greene Township and Logan Township, Clinton County. The operation has the following animals:

Animal Type	Number	AEUs
Holstein Lactating Cow	1,315	1,906.75
Holstein Dry Cow	175	253.75
20 to 22 Month Heifer	120	135.00
4 to 6 Month Calf	100	36.50
0 to 4 Month Calf	200	40.00
Beef Finishing: 8–24 mo.	6	5.70
Swine grow finish: 10–28 wk.	35	5.78
Sow and litter	12	5.64
Medium Breed Ewe	6	1.05
Light Horse Mature	1	1.10
Miniature Horse Mature	2	0.40
Total AEUs =		2,391.67

This 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 1,000 AEUs, and for exceeding the EPA's large CAFO threshold of 700 mature dairy cows, whether milked or dry.

The nearest potential receiving stream to the operation is Unnamed Tributary to Fishing Creek, designated for High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 9-C. This stream is not impaired by Department standards.

The nearest potential receiving stream to the 160' x 16' Moyer Farm Concrete Circular Storage is Fishing Creek, designated for High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 9-C. This stream is not impaired by Department standards.

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 September 22, 2022, for crop years 2023, 2024, and 2025. There are 2,218.7 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 1.08 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Liquid Dairy Manure	12,197,375.0 gal	35,761,860.0 gal	163,800.0 gal
Bedded Pack Manure	2,347.0 tons	11,840.4 tons	0.0
Bedded Pack Manure - uncollected	7.5 tons	7.5 tons	0.0
Separated Solids	330.0 tons	1,289.6 tons	0.0
Beef Cattle Manure - uncollected	51.0 tons	66.0 tons	0.0
Sheep & Goat Manure - uncollected	7.7 tons	7.7 tons	0.0
Mortality Compost	20.0 tons	26.8 tons	0.0

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Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Eddie Strouse 136 Rockey Ridge Road, Loganton, PA 17747	Up to 163,800 gallons Dairy	0	Up to 163,800 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.

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 15 th
Precast Panel Concrete Circular Storage	4.07 ft
Steel Circular Storage	14.17 ft
Earthen Lagoon	9.3 ft
Moyer Farm Concrete Circular Storage	2.45 ft

Manure Storage Facilities:

The operation has the following existing manure storages:

Storage	Type	Dimensions	Freeboard	Usable Capacity
Name	Liquid or solid	Feet x feet x feet	Minimum regulatory	Gallons or cubic feet
Steel Circular Storage	Liquid	60' x 23'	2 ft	444,000 gallons
Precast Panel Concrete Circular Storage	Liquid	60' x 10'	2 ft	169,000 gallons
Methane Digester Tank	Liquid	205' x 34' x 15.5'	0.5 ft (NMP indicates 0ft since it must be full to operate)	705,000 gallons
Moyer Farm Concrete Circular Storage	Liquid	160' X 16'	2 ft	2,036,810 gallons
Earthen Lagoon	Liquid	440' x 150' x 14'	2 ft	4,338,639 gallons

The Methane Digester Tank is not exposed to precipitation and must remain completely full to operate properly according to the NMP resulting in no freeboard associated with this storage. Once liquid manure has been processed in the digester it passes through a solids separator before being pumped to the Earthen Lagoon.

The 2023-2025 NMP lists the operation as having two earthen lagoons (Stage 1 and Stage 2). WQM 1805201 A-1 was issued to Schrack Farms Partnership on June 13, 2023 to remove the dividing berm between the two earthen lagoon stages to create one large single celled lagoon. The consultant confirmed that this manure storage modification has been completed and will be reflected in the next revision of the NMP.

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A 54' x 32' x 14' concrete stacking pad is located at the solids separator and can store 21,377 cubic feet of separated solids.

There are 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 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
- Mortality Management (Composting)

NRCS Practice Code 362 Diversion (Repair) is prescribed as a BMP in the approved 2023 to 2025 NMP for this operation.

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:

Animal mortalities are composted on the operation in a stabilized composting area on the farmstead.

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 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 intake is PA American Water White Deer, located 94 miles downstream in Milton, 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.