

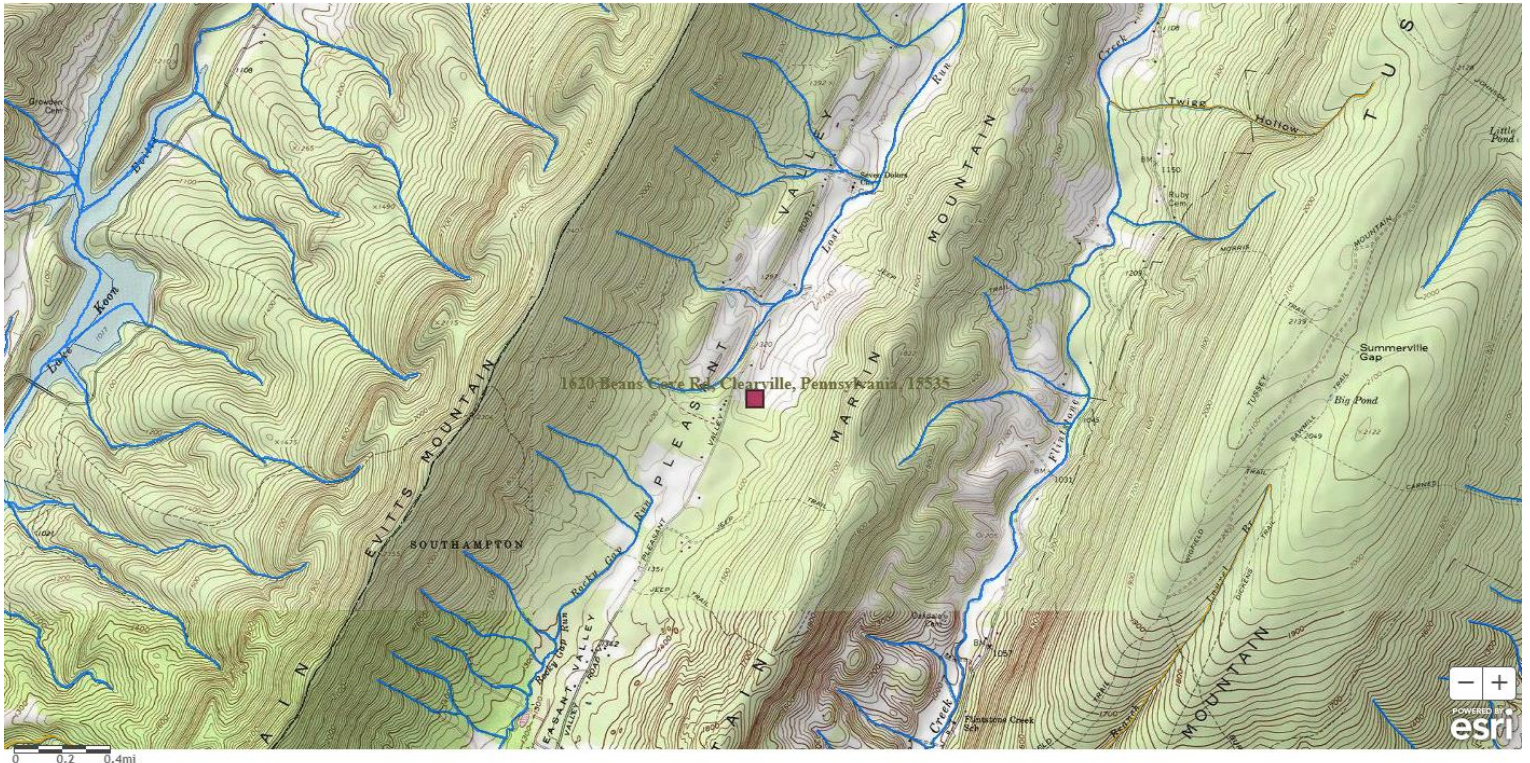
Application Type Renewal
Facility Type CAFO
Permit Type Individual

NPDES PERMIT FACT SHEET CAFOs

Application No. PA0088927
APS ID 1106155
Authorization ID 1481747

Applicant and Facility Information

Applicant Name	<u>James Keating</u>	Farm Name	<u>Keating Farm CAFO</u>
Applicant Address	<u>1620 Beans Cove Road</u> <u>Clearville, PA 15535-8037</u>	Farm Address	<u>1620 Beans Cove Road</u> <u>Clearville, PA 15535-8037</u>
Applicant Contact	<u>James Keating</u>	Farm Contact	<u>James Keating</u>
Applicant Phone	<u>(814) 747-3019</u>	Farm Phone	<u>(814) 747-3019</u>
Client ID	<u>383442</u>	Site ID	<u>548984</u>
SIC Code	<u>0211,0213</u>	Municipality	<u>Southampton Township</u>
SIC Description	<u>Agriculture - Beef Cattle Feedlots,</u> <u>Agriculture - Hogs</u>	County	<u>Bedford</u>
Date Application Received	<u>April 22, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>April 25, 2024</u>	WQM App. No.	<u>N/A</u>
Project Description	<u>James Keating submitted an application for Individual CAFO permit renewal for his existing swine and beef operation.</u>		



Approve	Deny	Signatures	Date
x		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Project Manager	01/10/2025
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	01/14/2025

Description:

James Keating submitted an application for Individual CAFO permit renewal for his existing swine and beef operation located in Southampton Township, Bedford County. The operation has the following animal population:

Animal Type	Number	AEUs
Swine grow finish: 10–28 wk.	3,500	530.03
Beef Cow	25	35.00
Beef Calf: 0–8 mo.	25	7.50
Beef Bull	1	1.50
	Total AEUs =	574.03

The operation is considered a CAO for exceeding 8 AEUs while having an animal density that exceeds 2 AEUs/Acre. The operation is considered a large CAFO for being a CAO that exceeds 300 AEUs and for exceeding the EPA large CAFO threshold of 2,500 swine each weighing 55 pounds or more.

The nearest receiving water to the operation is Lost Run, designated for High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 13-A. The 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 11, 2024, for crop years 2025, 2026, and 2027. There are 148.8 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 3.86 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Fall Liquid Swine Manure	500,000.0 gal	592,800.0 gal	443,780.0 gal
Spring Liquid Swine Manure	500,000.0 gal	415,600.0 gal	472,480.0 gal
Beef (Uncollected) - uncollected	733.4 tons	733.4 tons	0.0
Field JK1 - Grazing Calculator	246.3 tons	246.2 tons	0.0
Field Past1 - Grazing Calculator	47.7 tons	47.7 tons	0.0
Field Past2 - Grazing Calculator	162.3 tons	162.3 tons	0.0
Field Past3 - Grazing Calculator	152.8 tons	152.8 tons	0.0
Field Past4 - Grazing Calculator	87.8 tons	87.9 tons	0.0
Field Past5 - Grazing Calculator	36.4 tons	36.5 tons	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Randy Robosson 223 Beans Cove Road Clearville, PA 15535	0	179,500 gal Swine	179,500 gal Swine	0
Kim Hershberger 1517 Beans Cove Road Clearville, PA 15535	276,500 gal Swine	0	276,500 gal Swine	82,500 gal Swine
Donald Eby & Llewellyn Eby 2301 Beans Cove Road Clearville, PA 15535	374,750 gal Swine	374,750 gal Swine	374,750 gal 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 approved in the NMP.

The Hog Barn 1 Deep Pit will need a minimum freeboard of 1.5 ft by December 15th of each year to implement the NMP. The Hog Barn 2 Deep Pit will need a minimum freeboard of 1.6 ft by December 15th of each year to implement the NMP.

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Usable Capacity
<i>Name</i>	<i>Liquid or solid</i>	<i>Ft x ft x ft</i>	<i>Minimum regulatory</i>	<i>Gallons</i>
Hog Barn 1 Deep Pit	Liquid	61' x 170' x 8'	0.5 ft	493,000 gal
Hog Barn 2 Deep Pit	Liquid	82' x 215' x 8'	0.5 ft	843,000 gal

Prior to the final issuance of this CAFO permit, a manure storage PE Certification must be completed and submitted to the Department for the Swine Underbarn storage that received the September 12, 2024 open violation.

There are no proposed manure storage facilities, no planned alternative manure technology practices, and no plans for field stacking of manure 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 Storages)
- Mortality Management (Composting)

NRCS Practice Codes 472 Access Control and 382 Fence are prescribed as BMPs for Pasture 3 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 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 utilizing sawdust. Approximately 20-25 tons of mortality compost is generated annually.

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 and 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 intake is located beyond the Pennsylvania/Maryland State line which is located over 10 miles downstream of the operation. This operation is not expected to adversely impact any public water supplies.

Compliance History:

The operation has the following open violation following a 9/12/2024 site inspection by PA DEP Southcentral Regional Office compliance staff:

Violation ID	Date	Violation Description
8200973	09/12/2024	Agriculture - Failure to design, construct and operate a manure storage facility to applicable standards or otherwise obtain a WQM permit for a manure storage facility
		Resolution:
		PA Code Legal Citation: 25 Pa. Code 91.36(a)(1) : PA Code Website

In response to the open violation, the operation is working with TeamAg to get the underbarn manure storage PE certified. The PE certification must be submitted to the Department prior to the final issuance of this CAFO permit.

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.