

Application Type Renewal
Facility Type CAFO
Permit Type Individual

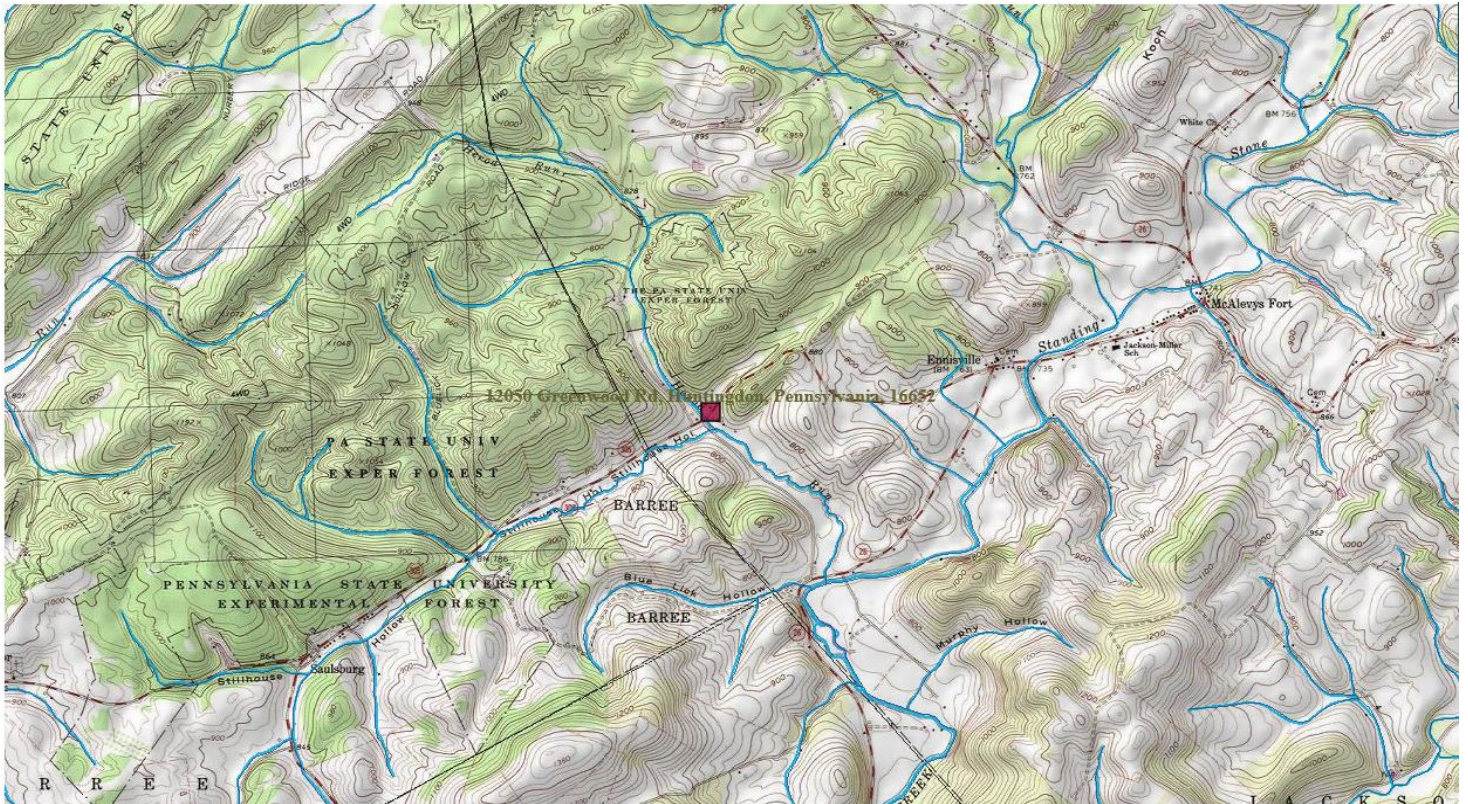
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0266582
APS ID 944064
Authorization ID 1406818

Applicant and Facility Information

Applicant Name	<u>David Kauffman</u>	Farm Name	<u>David Kauffman Farm CAFO</u>
Applicant Address	<u>12050 Greenwood Road</u> <u>Huntingdon, PA 16652-6020</u>	Farm Address	<u>12050 Greenwood Road</u> <u>Huntingdon, PA 16652-6020</u>
Applicant Contact	<u>David Kauffman</u>	Farm Contact	<u>David Kauffman</u>
Applicant Phone	<u>(814) 667-3408</u>	Farm Phone	<u>(814) 667-3408</u>
Client ID	<u>335881</u>	Site ID	<u>823577</u>
SIC Code	<u>0211,0213</u>	Municipality	<u>Jackson Township</u>
SIC Description	<u>Agriculture - Beef Cattle Feedlots</u> <u>Agriculture - Hogs</u>	County	<u>Huntingdon</u>
Date Application Received	<u>August 17, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>August 18, 2022</u>	WQM App. No.	<u>N/A</u>

Project Description David Kauffman has submitted an application for the renewal of his Individual CAFO permit for his existing Beef and Swine operation.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	11/9/2022
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	11/18/2022

Description:

David Kauffman Farm CAFO is an existing Swine and beef operation located in Huntingdon County, Jackson Township. The operation is considered a CAO for exceeding 8 AEUs and for having an animal density exceeding 2 AEUs/Acre. The operation is 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. Due to this CAFO being in a high-quality watershed, the Individual CAFO permit is appropriate for this operation. The operation will have the following animal population:

Animal Type	Number	AEUs
Swine grow finish: 10-28 wk.	4,800	748.60
Beef Finishing: 8-24 mo.	14	13.30
Beef Cow	10	14.00
Beef Calf: 0-8 mo.	8	2.40
	Total AEUs =	778.30

There are two receiving waters near this operation. One receiving water is Herod Run, designated as High-Quality Cold-Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 11-B. This stream is impaired by pathogens of an unknown source and agriculture habitat alterations and siltation. The other receiving water is Tributary 15448 To Standing Stone Creek, designated as High-Quality Cold-Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 11-B. This stream is impaired by pathogens of an unknown source.

Manure/Nutrient Management:

The current NMP was approved on May 7th, 2020, for crop years 2021, 2022, and 2023. There are 88.6 acres available on lands owned by the applicant for manure application according to the NMP, resulting in a density of 8.78 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Beef Fall	74.1 tons	78.2 tons	0.0
Beef Fall - uncollected	34.5 tons	34.5 tons	0.0
Beef Winter	74.1 tons	79.9 tons	0.0
Beef Winter - uncollected	34.5 tons	34.5 tons	0.0
Beef Spring	74.1 tons	111.0 tons	0.0
Beef Spring - uncollected	34.5 tons	34.5 tons	0.0
Beef Summer	74.8 tons	73.2 tons	0.0
Beef Summer - uncollected	34.8 tons	34.8 tons	0.0
Swine	1,912,680.00 gal	288,040.00 gal	1,600,000.00 gal
Field P11 - Grazing Calculator	7.6 tons	7.6 tons	0.0
Field P12 - Grazing Calculator	8.0 tons	8.0 tons	0.0
Field Shed - Grazing Calculator	31.0 tons	31.1 tons	0.0
Field Hol Pst - Grazing Calculator	49.6 tons	49.6 tons	0.0
Field R Past - Grazing Calculator	42.0 tons	42.0 tons	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Robert & Barry Weaverling 7171 East Branch Road, Huntingdon PA 16652	396,000 gallons	0	198,400 gallons	0
Marvin J. Zook 10670 Ewing Road	750,400 gallons	0	200,000 gallons	0

& 12290 Franks Road Petersburg, PA 16669				
Larry L Claar (James F Ayers tract) Winchester Road Petersburg PA 16669	0	0	16,500 gallons	0
Larry L Claar (Harry R Glenny tract) 10026 Leader Lane Petersburg PA 16669	0	0	443,000 gallons	0
Larry L Claar (James L Ayers tract) 4691 Manor Hill Road Petersburg PA16669	0	0	94,000 gallons	0
Larry L Claar 4358 Rigby Farm Lane Petersburg PA 16669	74,500 gallons	0	237,000 gallons	0
Stephen E. Jackson (TE Hearn Hunting Camp tract) Stone Creek Ridge Road Huntingdon PA 16652	0	0	23,000 gallons	0
Stephen E. Jackson 6977 Creek Crossing Road Huntingdon PA 16652	0	0	48,500 gallons	0
Russell W. Culbertson 5526 Standing Stone Road Huntingdon PA 16652	400,000 gallons	0	0	0
Alvin J Peachey 5662 Wesley Chapel Road Huntingdon PA 16652	163,500 gallons (Spring or Fall but not both)	0	163,500 gallons (Spring or Fall but not both)	0
James L. Mckivison 5413 Wesley Chapel Road Huntingdon PA 16652	104,500 gallons (Spring or Fall but not both)	0	104,500 gallons (Spring or Fall but not both)	0
Stephen P. Stoltzfus 12027 Greenwood Road Huntingdon PA 16652	40,500 gallons (Spring or Fall but not both)	0	40,500 gallons (Spring or Fall but not both)	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 for the 2023 crop year in fields C1, C2, and C8.

The underbarn storage should have a freeboard of at least 1.82ft on December 15th of each year to implement the NMP and allow for adequate storage during the winter months.

Manure Storage Facilities:

Storage	Dimensions	Type	Freeboard	Capacity
<i>Name</i>	<i>feet</i>	<i>Liquid or solid</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
Deep Underbarn Concrete Pit	500' x 80' x 6'	Liquid	6 inches	1,647,770 gallons

The underbarn storage built in 2019 has a subsurface drain/detection system.

There are no proposed manure storages for this operation.

There will be no infield stacking on this operation and no planned alternative manure technologies.

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. Required 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

NRCS Practice Code 342 *Critical Area Planting* is prescribed in the approved NMP for the following locations with an implementation season and year of Spring 2020.

- Behind barn near Hol Pasture
- Between feeding area at barn next to stream

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 quarterly self-inspection reporting, annual reporting, and regular compliance inspections.

Animal Mortality:

All swine mortalities on this operation will be handled in the 10' wide x 40' long roofed four bay composter located at the west side of the swine barn. Beef mortality will either be buried or composted.

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. The David Kauffman BMP Map in the NMP indicates that there is an AHUA located along the lane just northeast of the beef housing at the intersection of field P12 and H Past.

Field P10 is within the stream buffer area and therefore cannot receive manure. Pastures P11 and P12 are small areas and care should be taken to not overgraze these areas. At least 3" grass height should be maintained.

Chapter 102 E&S (Conservation Plans):

Plans have been verified to exist for the operation and all lands and importers associated with the operation.

Some standard practice codes prescribed in the E&S plan for the David Kauffman operation include Conservation Crop Rotation (328), Residue and Tillage Management, No Till (329), Strip cropping (585), Contour Farming (330), Contour Buffer Strips (332), Nutrient Management (590), and Cover Crops (340).

Downstream Public Water Supplies:

The nearest downstream public water supply is the Huntingdon Borough Water Department, located 21 miles downstream in Huntingdon, 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.