

Application Type Renewal
Facility Type CAFO
Permit Type Individual

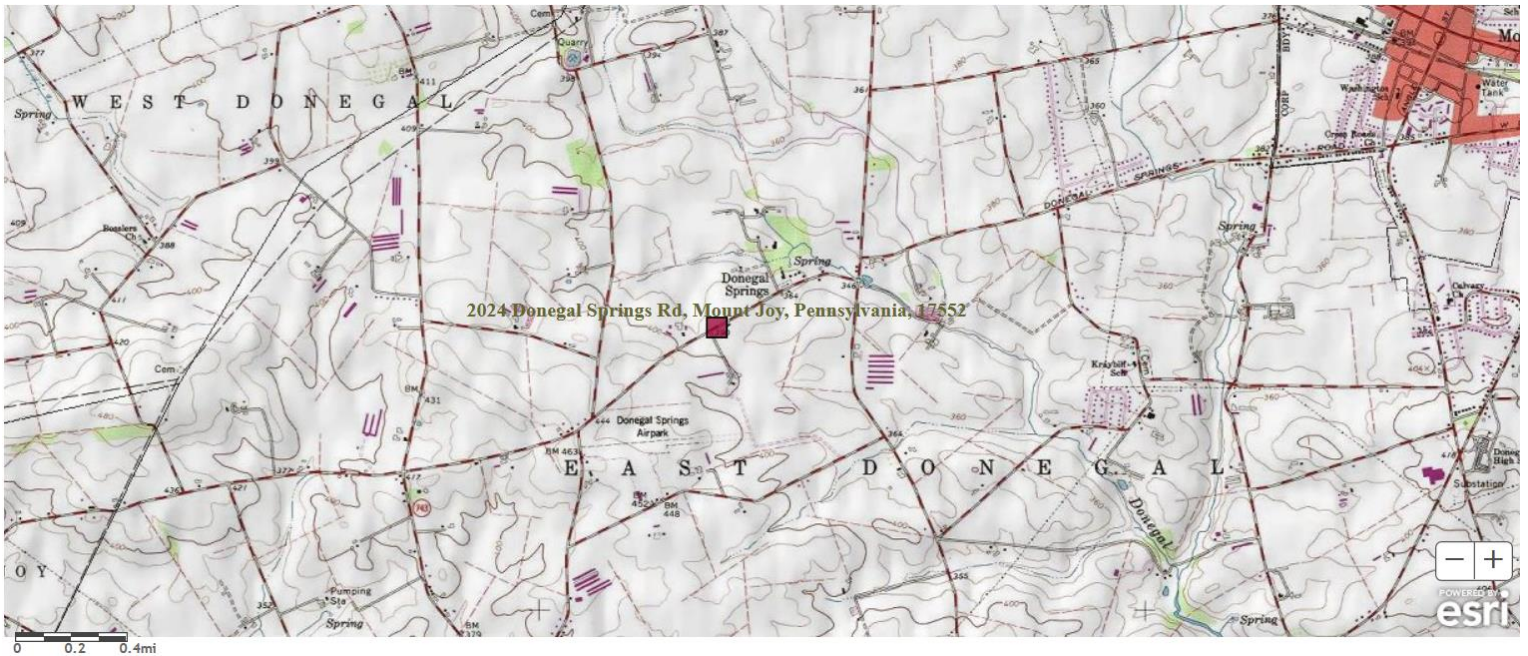
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0260495
APS ID 605831
Authorization ID 1316327

Applicant and Facility Information

Applicant Name	<u>Steven Hershey</u>	Farm Name	<u>Steve Hershey Farm CAFO</u>
Applicant Address	<u>1996 Donegal Springs Road</u> <u>Mount Joy, PA 17552-8906</u>	Farm Address	<u>2024 Donegal Springs Road</u> <u>Mount Joy, PA 17552-8906</u>
Applicant Contact	<u>Steven Hershey</u>	Farm Contact	<u>Steven Hershey</u>
Applicant Phone	<u>717-653-5800</u>	Farm Phone	<u>717-653-5800</u>
Client ID	<u>254122</u>	Site ID	<u>684822</u>
SIC Code	<u>0211,0213,0251</u>	Municipality	<u>East Donegal Township</u>
SIC Description	<u>Agriculture - Beef Cattle</u> <u>Feedlots,Agriculture - Broiler, Fryer, And</u> <u>Roaster Chickens,Agriculture - Hogs</u>	County	<u>Lancaster</u>
Date Application Received	<u>May 5, 2020</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>July 6, 2020</u>	WQM App. No.	<u>N/A</u>

Project Description Steve Hershey Farm has submitted an application for a renewal of an individual CAFO permit for their existing pullet, beef, and swine operation.



Approve	Deny	Signatures	Date
X		<i>Hans Shollenberger</i> Hans Shollenberger / Environmental Engineering Specialist	September 10, 2020
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	10/7/2020

Description:

The Steven R. Hershey farm is an existing pullet, beef, and swine operation located in East Donegal Township, Lancaster County. The farm submitted an individual NPDES CAFO permit application to the Department on May 5, 2020. The farm houses greater than 125,000 pullets with a dry manure handling system and is required by Pennsylvania Regulation to obtain a NPDES CAFO permit. Due to the fact the rented barn is in a high-quality watershed this operation requires an individual permit.

According to the most recently approved NMP, the operation has a target animal population of 592.57 AEU's with 327.2 owned and rented crop acres equating to an animal density of 1.81 AEU's/Acre. The operation consists of 242,000 pullets, 570 finishing steers, and 500 swine. The Pullet Barn houses 242,000 pullets. This farm raises 170 beef cattle in the Bank barn and on an open lot adjacent to the Bank barn. The Slatted Floor Barn houses a group of 250 steers over the winter months and then another group of 150 steers and 500 hogs over the summer months.

The closest stream to the site is an unnamed tributary of the Donegal Creek (CWF) at the home farm and Donegal Creek (HQ-CWF, Watershed 7-G) at the rented barnyard. The streams are identified to be impaired by Pathogens of an Unknown Source.

Manure/Nutrient Management:

The NMP was approved on August 5, 2020. There are 327.2 acres available on lands owned and rented by the applicant for manure application according to the NMP.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Spring Liquid	275,000 gal	285,900 gal	0 gal
Fall Liquid	275,000 gal	271,400 gal	0 gal
Beef Solid	800 tons	800 tons	0 tons
Pullet Manure	1,875 tons	277.3 tons	1,597.8 tons

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
B&C Hershey Farms 440 Rohrer Rd. Mountville, PA 17554	40.5 tons	0 tons	0 tons	0 tons
Elvin Brenneman 2045 Donegal Springs Rd. Mount Joy, PA 17552	188 tons	0 tons	49 tons	0 tons
Robert Buser 34 Buser Farm Lane York, PA 17406	148 tons	0 tons	0 tons	0 tons
Allen Esbenshade 320 Nissley Rd. Mount Joy, PA 17552	85 tons	0 tons	79 tons	0 tons
Dennis Gemmill 3145 Woodberry Rd. York, PA 17408	0 tons	0 tons	200-500 tons	0 tons

Jay Kauffman 2453 Donegal Springs Rd. Marietta, PA 17547	175 tons	0 tons	0 tons	0 tons
Werning Brothers Farms 170 Hill View Drive Mount Wolf, PA 17347	650 tons	0 tons	0 tons	0 tons

Winter Manure Management:

Application of manure during the winter period is approved in the NMP. Winter spreading is identified in the NMP and will be applied to only those fields listed as primary (good) fields and those listed as secondary (fair). Fields listed as poor will not receive a winter spread. See the NMP winter application matrix for the field classifications. The Beef Deep Slatted Floor Underbarn Concrete manure storage will need to have a freeboard of 4.5 ft going into winter.

Manure Storage Facilities:

The pullet barn handles solid manure on a belted system that transfers manure to a storage area at the end of the barn (Useable Capacity: 57,600 ft³). Manure from the Bank barn is handled as a solid that is scraped to a Stacking Pad (Useable Capacity: of 7,200 ft³) adjacent to the lot.

Manure from the Slatted Floor Barn is handled as a liquid that is stored in a reinforced concrete pit (Useable Capacity: 490,090 gal) beneath the barn. Lot runoff from the open beef lot as well as roof runoff water and liquids from the manure staking pad are directed into the Beef Underbarn Concrete Storage.

Animal Mortality:

Mortalities from the pullet barn are composted in the Pullet Manure Storage building utilizing pullet manure as the compost medium and are exported or land applied in accordance with the recommendations for pullet manure. Large animals are also composted in the Pullet Manure Storage building utilizing solid beef manure and is spread in accordance with the recommendations for solid beef manure.

Animal Concentration Areas (Chapter 102.4a):

The operation includes Animal Heavy Use Areas (AHUAs) which are addressed in the Soil Conservation Plan for the operation.

Chapter 102 E&S (Conservation Plans):

Plans have been verified to exist for all lands (owned and rented) associated with the application of manure from this facility including farms located in EV, HQ or impaired watersheds. BMPs included in the plans for crop fields include conservation crop rotation, grassed waterway, cover crop, nutrient management, and residue and tillage management (no-till/strip till).

All agricultural operations in HQ or EV watersheds must be conducted in compliance with the requirements of the Pennsylvania Clean Streams Law, the Nutrient Management Act, the Stormwater Management Act, and DEP rules and regulations listed in Chapter 102 relating to erosion and sediment control, Chapter 83 relating to nutrient management, Chapter 91 in sections relating to land application of manure, Chapter 92 in sections relating to requirements for concentrated animal feeding operations.

Downstream Public Water Supplies:

The nearest downstream public water intake is located 8 miles downstream on the Susquehanna River by the Wrightsville Borough Municipal Authority in Wrightsville Borough, York County. This facility is not expected to adversely impact any public water supplies.

Compliance History:

There are no outstanding 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.