

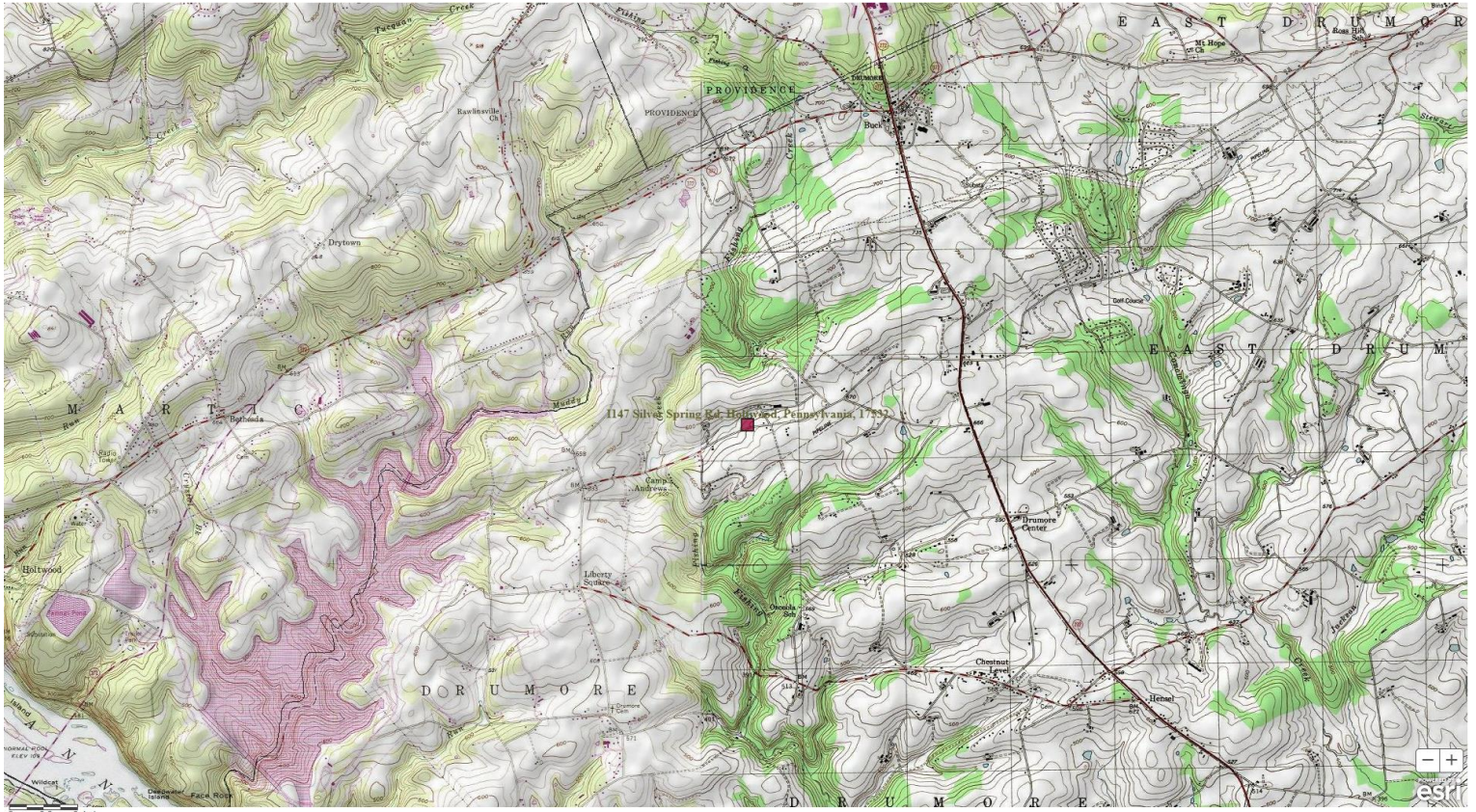
Application Type Renewal  
Facility Type CAFO  
Permit Type Individual

**NPDES PERMIT FACT SHEET  
CAFOs**

Application No. PA0259969  
APS ID 601537  
Authorization ID 1454338

**Applicant and Facility Information**

Applicant Name	<u>Jonas Sensenig</u>	Farm Name	<u>Silver Crest Acres</u>
Applicant Address	<u>1147 Silver Spring Road</u> <u>Holtwood, PA 17532-9741</u>	Farm Address	<u>1147 Silver Spring Road</u> <u>Holtwood, PA 17532-9741</u>
Applicant Contact	<u>Jonas Sensenig</u>	Farm Contact	<u>Jonas Sensenig</u>
Applicant Phone	<u>(717) 371-1887</u>	Farm Phone	<u>(717) 371-1887</u>
Client ID	<u>253034</u>	Site ID	<u>682425</u>
SIC Code	<u>0213</u>	Municipality	<u>Drumore Township</u>
SIC Description	<u>Agriculture - Hogs</u>	County	<u>Lancaster</u>
Date Application Received	<u>September 11, 2023</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>November 3, 2023</u>	WQM App. No.	<u>N/A</u>
Project Description	<u>Jonas Sensenig submitted an application for CAFO permit renewal for his existing swine operation.</u>		



Approve	Deny	Signatures	Date
x		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	11/15/2023
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	11/16/2023

**Description:**

Jonas Sensenig submitted an application for CAFO permit renewal for his existing swine operation located in Drumore Township, Lancaster County. The 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 the EPA large CAFO threshold of 2,500 swine each weighing 55 pounds or more. The operation has the following animal population:

Animal Type	Number	AEUs
Swine wean to finish: 3–28 wk.	3,200	419.99
Beef Cow	6	8.40
Beef Calf: 0–8 mo.	6	0.89
Beef Bull	1	1.50
Meat Goat Doe	10	1.50
	<b>Total AEUs =</b>	432.28

The nearest receiving water to the operation is Tributary 07263 To Fishing Creek, designated as High Quality-Cold Water Fishes and migratory fishes (HQ-CWF, MF), located in Watershed 7-K. This stream is impaired by agriculture siltation and habitat modification and alterations. The Department’s Individual CAFO permit is appropriate for this operation.

**Manure/Nutrient Management:**

The current NMP was approved on December 7, 2022, for crop years 2023, 2024, and 2025. There are 335.4 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 1.29 AEUs/acre.

*Manure Group Information:*

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Swine Fall	842,000.0 gal	907,830.0 gal	0.0
Swine Spring	842,000.0 gal	919,920.0 gal	0.0
Bedded Pack	91.7 tons	90.4 tons	0.0
Bedded Pack - uncollected	94.3 tons	94.3 tons	0.0
Field Pasture 1 & 2 - Grazing Calculator	94.3 tons	94.3 tons	0.0

*Exported Manure:*

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
This operation does not export any manure according to the NMP.				

If the operation were to receive approval for manure exportation in a future NMP, the following requirements would need to 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 not approved in the NMP.

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The swine underbarn manure storage must have a minimum of 2.5ft of freeboard by December 15<sup>th</sup> of each year to implement the NMP. This will allow for the 2ft of manure storage space needed over winter and the required 0.5ft of emergency freeboard required at all times.

**Manure Storage Facilities:**

<b>Storage</b>	<b>Type</b>	<b>Dimensions</b>	<b>Freeboard</b>	<b>Capacity</b>
<i>Name</i>	<i>Liquid or solid</i>	<i>ft</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
Swine Underbarn Storage	Liquid	100' x 250' x 6'	6 inches	842,000 gallons

There are no proposed manure storage facilities and no planned alternative manure technology practices for this operation. There will be no in field manure stacking on 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 Storage)
- Mortality Management (Composting Onsite)

There are no NRCS Practice Codes prescribed as BMPs in the approved 2023 to 2025 NMP.

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 mortality is composted onsite next to the goat pen. The total compost is less than 25 tons per year.

**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. Some BMPs prescribed in the plans include Conservation Crop Rotation, Nutrient Management, Grass Waterway (412), Residue and Tillage Management, No-Till (329), Pasture Management, and Land Clearing.

**Downstream Public Water Supplies:**

The nearest downstream public water supply intake is located 11 miles downstream on the Susquehanna River by the Peach Bottom Power Station in Peach Bottom, PA. This operation is not expected to impact any public water supplies.

**Compliance History:**

There are no open violations for this operation.

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**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.