

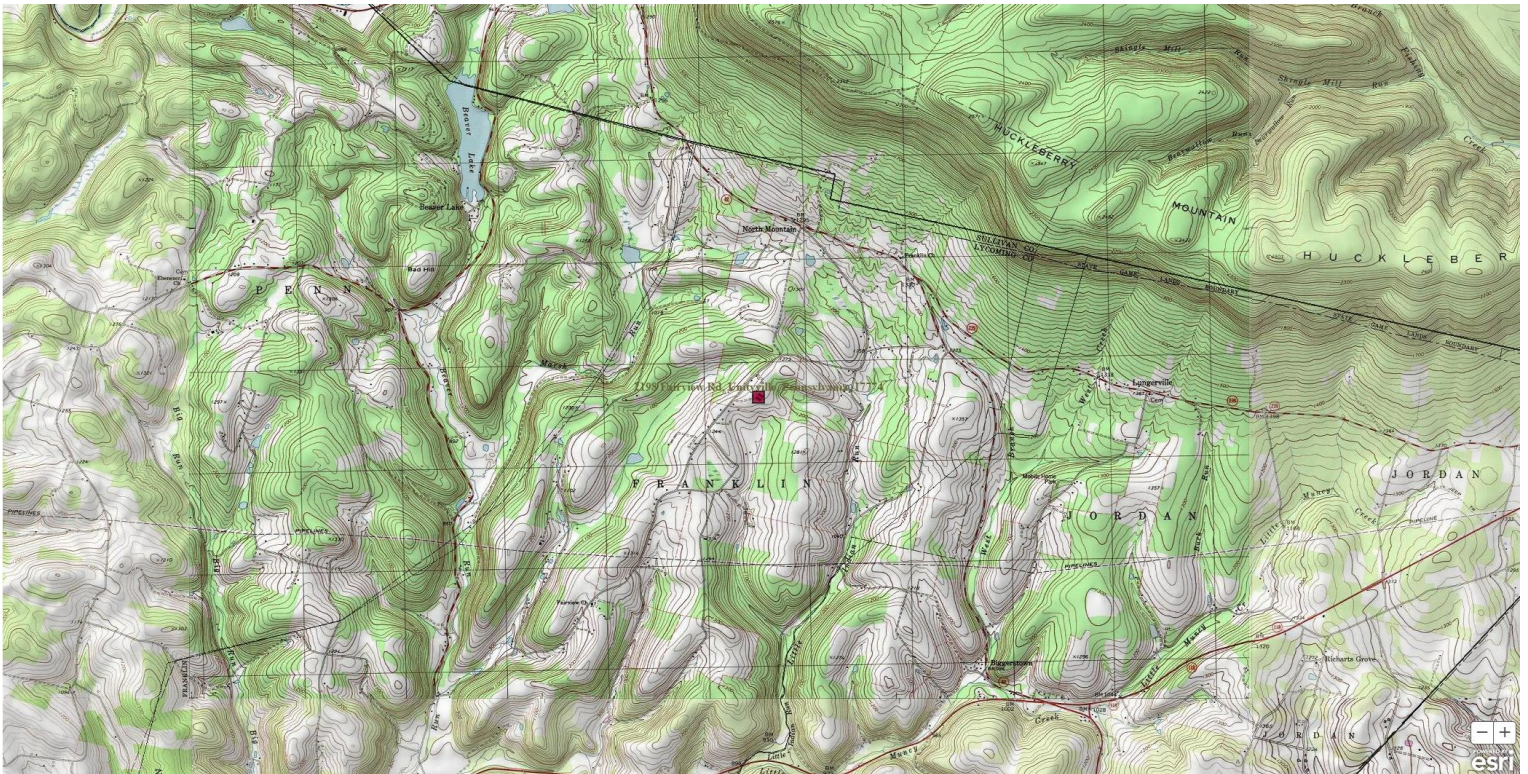
Application Type Renewal
Facility Type CAFO
Permit Type Individual

NPDES PERMIT FACT SHEET CAFOs

Application No. PA0281786
APS ID 1071190
Authorization ID 1518512

Applicant and Facility Information

Applicant Name	<u>R & T Family Farms LLC</u>	Farm Name	<u>R& T Farms</u>
Applicant Address	<u>2088 Cleman Hollow Road</u> <u>Unityville, PA 17774-9115</u>	Farm Address	<u>2198 Fairview Road</u> <u>Unityville, PA 17774-9128</u>
Applicant Contact	<u>Robert Boyles</u>	Farm Contact	<u>Robert Boyles</u>
Applicant Phone	<u>(570) 506-0911</u>	Farm Phone	<u>(570) 506-0911</u>
Client ID	<u>372359</u>	Site ID	<u>527961</u>
SIC Code	<u>0213</u>	Municipality	<u>Franklin Township</u>
SIC Description	<u>Agriculture - Hogs</u>	County	<u>Lycoming</u>
Date Application Received	<u>November 21, 2024</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>March 6, 2025</u>	WQM App. No.	<u>Pending (4215201)</u>
Project Description	<u>Application for renewal and expansion of an existing swine operation.</u>		



Approve	Deny	Signatures	Date
X		<i>Jared Lescavage</i> Jared Lescavage / Project Manager	March 6, 2025
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	03/07/2025

Description:

R & T Farms LLC is an existing swine operation located in Lycoming County. Previously, R & T Farms operated as a swine and beef operation, but no longer has beef cattle on the operation and have begun to transition to constructing a new nursery swine building. With the new animal types considered, the operation will have a total of 661.99 AEUs with an animal density of 5.20 AEU/A. Since the operation has more than 2 AEU/A, it is considered a CAO, and since it is a CAO with more than 300 AEUs, and it also exceeds the EPA threshold of 2500 pigs, the operation is also considered a CAFO. As discussed below, the operation has been issued an individual permit due to special conditions in the permit.

The receiving water is Tributary 19571 To Little Indian Run and Tributary 19536 To Beaver Run, both designated as Cold-Water Fishes and Migratory Fishes (CWF-MF), located in Watershed 10-D. These streams are not impaired by Department standards.

Manure/Nutrient Management:

The NMP was approved on January 8, 2025. There are 127.3 acres available on lands owned or 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)
Finishing Swine Fall	575000 gal	955000 gal	0 gal
Finishing Swine Spring	575000 gal	629000 gal	0 gal
Nursery Swine Fall	188160 gal	0 gal	188160 gal
Nursery Swine Spring	186984 gal	0 gal	186984 gal

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Randy Brown 3395 SR42, Unityville, PA 17774	659000 gal	659000 gal	659000 gal	0 gal
Alan Fulmer 2095 Fairview Road Unityville, PA 17774	136800 gal	136800 gal	136800 gal	0 gal
John Snyder 1958 Miller Rd, Unityville, PA 17774	409500 gal	409500 gal	409500 gal	0 gal
Edward Swisher 584 Iroquois Rd, Unityville, PA 17774	881500 gal	881500 gal	881500 gal	0 gal
Neil Yarish 251 Peters Rd, Unityville, PA 17774	217800 gal	217800 gal	217800 gal	0 gal

None of the importers listed above are located in an HQ or EV watershed.

The following requirements must be met when transferring manure to importers:

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 for the 2025 - 2027 crop years.

The HDPE Lined Lagoon should have a minimum freeboard of 4.9 ft on December 15 to implement the NMP.

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Usable Capacity
<i>Name</i>	<i>Liquid</i>	<i>Ft x ft x ft</i>	<i>Minimum regulatory (ft)</i>	<i>Gallons</i>
Gutters (Barn 1)(8 gutters per barn)	Liquid	10' x 190' x 2' each	0.5 (reception pit)	170,544 gal
Gutters (Barn 2)(8 gutters per barn)	Liquid	10' x 190' x 2' each	0.5 (reception pit)	170,544 gal
HDPE Lined Lagoon	Liquid	150' x 200' x 14'	2*	1,796,636 gal
Proposed Nursery Underbarn	Liquid	81.5' x 116' x 7'	0.5	459,653 gal

*The minimum regulatory freeboard is 12 inches, but a site-specific value of 2 feet has been continued from the existing permit.

Liquid swine manure accumulates in shallow concrete gutters under each swine barn located at farmstead 1 and is transferred to the HDPE lined manure storage lagoon using a pull-plug system. The gutters are typically emptied twice per group of finishing swine.

The operation is also proposing to construct a new nursery pig facility that will contain a concrete underbarn manure storage for all nursery pig manure.

As a result of the COA issued by DEP's Northcentral Regional Office prior to 2022, this permit will require the following conditions for the operation's manure storage facilities, in addition to the required freeboards listed above:

1. The staff gauge for the HDPE-lined lagoon shall be mounted on the southeast corner of the lagoon in order to more accurately reflect the amount of freeboard available in the storage.
2. If an underbarn or earthen manure storage facility at the Farm has leaked, or if an inspection and/or recordkeeping indicates that an underbarn or earthen manure storage facility at the Farm has leaked, the permittee shall immediately notify DEP and State Conservation Commission (SCC) by telephone and take prompt emergency actions to minimize any impacts to health, safety and the environment until permanent corrective actions have been implemented. The permittee shall also retain a licensed Pennsylvania Certified Professional Engineer ("P.E.") to evaluate the manure storage facilities at the Farm and submit a corrective action plan ("CAP") to DEP and SCC within 15 days of determining there is evidence of a manure storage facility leak. The CAP shall include proposed permanent corrective actions and a schedule, to abate any discharge to surface and/or groundwater, and ensure the failed manure storage facility(s) is/are structurally sound and watertight. Upon approval of the CAP by DEP and SCC, the approved CAP shall be fully implemented. The CAP shall include final P.E. certification of all liquid and semisolid manure storage facilities at the Farm, consistent with the Pennsylvania Soil and Water Technical Guidance ("PATG") for Waste Storage Facilities, Standard 313 and Waste Transfer Systems, Standard 634. The proposed CAP shall be implemented within 90 days of DEP's and SCC's approval. A copy of the final P.E. Certification(s) shall be submitted to the DEP and SCC, within 30 days of completion.

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

No additional BMPs are proposed by the applicant within the approved Nutrient Management Plan.

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 animal mortalities on the operation will be composted.

Animal Concentration Areas (Chapter 102.4a):

There are no ACA's located on this operation. All beef cattle associated with the previous permit are not longer on the operation.

Chapter 102 E&S (Conservation Plans):

Agricultural E&S Plans have been verified to exist for land subjected to plowing and tilling activities.

Downstream Public Water Supplies:

The nearest downstream public water supply is Pennsylvania American Water White Deer, located 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.

Special Conditions are part of this permit as the result of a COA issued by DEP's Northcentral Regional Office and will remain consistent in the renewal of this 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.

