

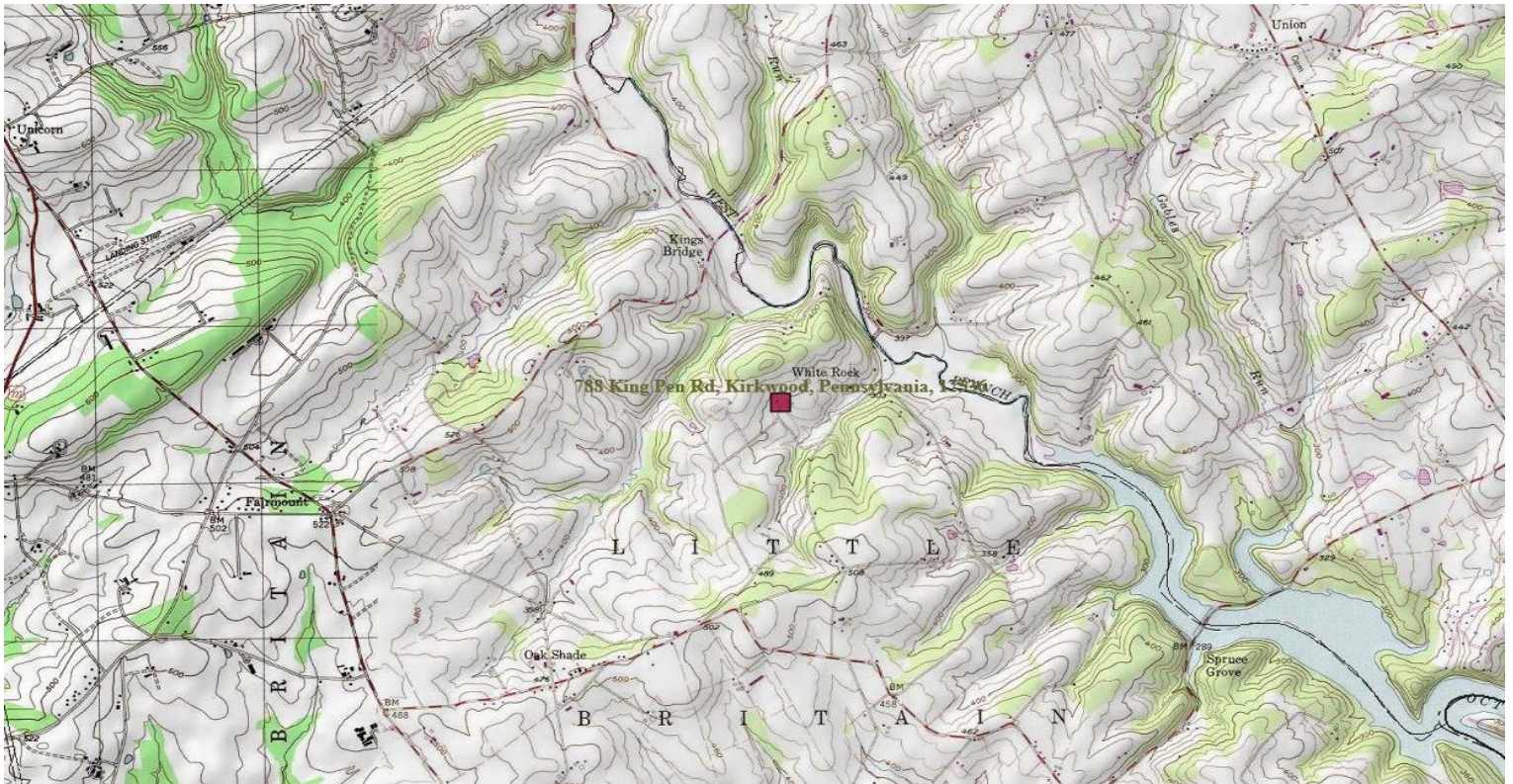
Application Type Renewal  
Facility Type CAFO  
Permit Type Individual

**NPDES PERMIT FACT SHEET  
CAFOs**

Application No. PA0246808  
APS ID 370910  
Authorization ID 1304990

**Applicant and Facility Information**

|                           |  |              |  |
|---------------------------|--|--------------|--|
| Applicant Name            | <u>Clair Hurst</u>   | Farm Name    | <u>Hurst Farm CAFO</u>                                     |
| Applicant Address         | <u>788 King Pen Road</u><br><u>Kirkwood, PA 17536-9759</u>   | Farm Address | <u>788 King Pen Road</u><br><u>Kirkwood, PA 17536-9759</u> |
| Applicant Contact         | <u>Clair Hurst</u>   | Farm Contact | <u>Clair Hurst</u>   |
| Applicant Phone           | <u>(717) 951-2307</u>  | Farm Phone   | <u>(717) 951-2307</u>                                      |
| Client ID                 | <u>163185</u>  | Site ID      | <u>560404</u>  |
| SIC Code                  | <u>0213,0241</u>   | Municipality | <u>Little Britain Township</u>                             |
| SIC Description           | <u>Agriculture - Dairy Farms, Agriculture - Hogs</u>   | County       | <u>Lancaster</u>   |
| Date Application Received | <u>January 27, 2020</u>  | WQM Required | <u>No</u>  |
| Date Application Accepted | <u>August 11, 2021</u>   | WQM App. No. | <u>N/A</u>   |
| Project Description       | <u>Clair Hurst has submitted an application for the renewal of his CAFO permit for his existing dairy and swine operation.</u> |              |  |



| Approve | Deny | Signatures  | Date           |
|---------|------|---|----------------|
| X       |      | <i>Jared Lescavage</i><br>Jared Lescavage / Project Manager                     | March 10, 2022 |
| x       |      | <i>Scott M Arwood</i><br>Scott M. Arwood, P.E. / Environmental Engineer Manager | 03/10/2022     |

**Description:**

The Department received an NPDES permit renewal application from Hurst Farms on January 27, 2020 for an existing swine and dairy operation in Little Britain Township, Lancaster County. The application was deemed incomplete, and the remaining items were submitted to DEP on February 23, 2022.

The farm consists of 3,600 finishing swine, 50 milking cows, 30 heifers, and 20 calves. The farm's density of 6.34 AEU/Acre and AEU value of 632.95 AEU's qualifies the farm as a CAO by Department standards. The number of animals also exceeds EPA's Large CAFO threshold number of 2,500 pigs greater than 55 lbs., qualifying the farm as a CAFO based on EPA's definition. Its location in a High-Quality Watershed requires the facility to be permitted under an Individual Permit.

The nearest stream to the facilities is an UNT West Branch Octoraro Creek (HQ-CWF) which is classified as a Cold Water Fishery in a High Quality watershed and is impaired by Agricultural Siltation. The UNT is approximately 650 feet from the storages serving the facilities. No direct discharges to surface waters are expected.

**Manure/Nutrient Management:**

The NMP was approved on December 1, 2021. There are 99.8 acres available on lands owned 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) |
|---------------------|---------------------------|-------------------------|-----------------------------------|
| Fall Swine          | 644000 gal                | 126000 gal              | 500000 gal                        |
| Spring Swine        | 644000 gal                | 190800 gal              | 500000 gal                        |
| Fall Liquid Dairy   | 294500 gal                | 317520 gal              | 0 gal                             |
| Spring Liquid Dairy | 294500 gal                | 291600 gal              | 0 gal                             |
| Compost             | 374 tons                  | 374 tons                | 0 tons                            |

*Exported Manure:*

| Name/ Address   | Amount and Source of Manure Exported per Season (gallons/ tons) |            |            |                         |
|---|---|------------|------------|-------------------------|
|   | Spring  | Summer     | Fall       | Winter                  |
| Dwayne Peifer<br>235 Academy Rd,<br>Kirkwood, PA<br>17536     | 378000 gal  | 378000 gal | 378000 gal | 210000 gal<br>1050 tons |
| Leslie Hershey<br>154 White Rock<br>Rd, Kirkwood, PA<br>17536 | 500000 gal  | 500000 gal | 500000 gal | 500000 gal              |
| Tom Jackson<br>376 Jackson Rd,<br>Quarryville, PA<br>17566    | 252000 gal  | 0 gal      | 252000 gal | 108000 gal              |

**Winter Manure Management:**

Winter Manure Application is approved on Field 11 by the NMP.

On December 15 of each year, the underbarn manure storage and earthen lagoon will need at least 2.2 ft. and 4.9 ft. of freeboard, respectively, to account for the estimated amounts of manure, washwater, bedding, precipitation, and runoff that is expected to enter the manure storages during the winter period.

**Manure Storage Facilities:**

| Storage         | Type                   | Freeboard                 | Capacity                     |
|-----------------|------------------------|---------------------------|------------------------------|
| <i>name</i>     | <i>Liquid or solid</i> | <i>Minimum regulatory</i> | <i>Gallons or cubic feet</i> |
| Swine Underbarn | Liquid                 | 0.5 ft                    | 1 MG                         |
| Earthen Lagoon  | Liquid                 | 1 ft                      | 265000 gal                   |

**Animal Mortality:**

All animal mortalities are composted on a stacking area and land applied.

**Animal Concentration Areas (Chapter 102.4a):**

N/A

**Chapter 102 E&S (Conservation Plans):**

Plans have been verified to exist for all lands 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 cover crop, stormwater diversions, grassed waterway, contouring, structure for water control, nutrient management, pest management, terracing, underground outlet, residue management (mulch till), waste management system, barnyard runoff control, waste storage pond, roof runoff management, heavy use area protection and prescribed grazing.

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 the Chester Water Authority, located 4 miles downstream on Octoraro Creek in Little Britain Township, Lancaster County. This facility is not expected to adversely impact any public water supplies.

**Compliance History:**

The operation currently has no open violations.

**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.