



# SUSQUEHANNA RIVER BASIN COMMISSION

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## Groundwater Withdrawal Application Summary

**Source Name:** Site 3 Well 5

**SRBC Pending No.:** 2023-012

This summary is only a portion of the application materials and is meant to provide general information about the proposed project.

### 1.1 Project Sponsor

Company Name: Hillandale-Gettysburg, L.P.

Mailing Address Line 1: 3910 Oxford Road

Mailing Address Line 2:

City: Gettysburg

State: PA

ZIP Code: 17325

Contact Person:

First Name: Ira

Last Name: Reed III

Title: Senior Operations Manager

Telephone: (717) 334-9117

Fax:

Mobile: (717) 752-5172

**E-mail:** Ireed@Hillandalefarms.com

### 1.3 Existing and Projected Facility Water Use

The usage should be entered in million gallons per day (mgd) and rounded off to the nearest one thousand gallons (three decimal places).

Projected Design Year:

2025

| Total Project Water Usage             | Existing Usage (mgd) | Projected Usage For Design Year (mgd): |
|---------------------------------------|----------------------|--|
| Maximum 30-day Average Water Demand : | 0.069                | 0.12                                   |
| Maximum Daily Water Demand :          | 0.07                 | 0.125                                  |
| System Capacity :                     | 0.07                 | 0.125                                  |

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 20

Maximum Instantaneous Withdrawal Rate (gpm): 38.6

Maximum 24-Hour Day (mgd): 0.125

Maximum 30-Day Average (mgd): 0.12

### 2.2 Facility Location

Please enter the address of the parcel where the Project Facility is located.

Street Address: 1190 Tapeworm Rd

State: PA

County: Adams

Municipality: Tyrone Township

Zip Code: 17350

Subbasin: Lower Susquehanna

**2.1 Project Facility Description**  
**Site 3 – Well 5**  
**Hillandale Gettysburg, LP**  
**Tyrone Township, Adams County, Pennsylvania**

**a. Site Facility Name**

The site facility is known as Hillandale Gettysburg, LP Site 3.

**b. Anticipated Long-Term Owner and Operator**

The site is owned and operated by Hillandale Gettysburg, LP. The long-term operator of Site 3 will be Hillandale Gettysburg, LP.

**c. Type of Facility**

Site 3 is an agricultural facility for egg-laying poultry operations. The site also includes an egg washing facility.

**d. Purpose of the Withdrawal & Requested Quantity**

The facility is currently served by four groundwater supply wells: Well 1, Well 2, Well 3, and Well 4. Wells 1 through 4 currently supply approximately 70,000 gallons per day (gpd) to Site 3. Site modifications will require an increase in water supply to 120,000 gpd. Well 5 is intended to provide this increased water-supply capacity.

Well 5 is a new groundwater source located near the existing and planned facility operations. The groundwater withdrawal application for Well 5 requests a 30-day average withdrawal rate of 0.050 million gallons per day (mgd, equivalent to 50,000 gpd) and a maximum instantaneous withdrawal rate of 38.6 gallons per minute (gpm). The total requested groundwater withdrawal for Site 3, including all five wells will be 0.120 mgd (or 120,000 gpd).

**e. Description of Site Activities**

Water produced from the on-site wells is used in an on-demand manner to support animal feed/watering, egg washing, and on-site sanitary uses.

**f. Date of Operations**

Hillandale Gettysburg, LP is an existing egg-laying poultry operation with plans to renovate and expand at existing Site 3. Well 5 is intended to provide supplemental supply to support this renovated and expanded facility. Construction is anticipated to start in the third quarter of 2023 and occur in phases, extending into 2025. The anticipated increase in water use will occur in the second quarter of 2024.

A 72.8 hour, constant-rate aquifer test was conducted on Well 5, pumping at a rate of 38.6 gpm, during August 29 to September 1, 2022. The test was performed pursuant to the

SRBC's aquifer test plan approval letter dated March 17, 2022 and subsequent approved plan revision. A hydrogeologic report has been prepared to summarize the results of this testing. The requested withdrawal rate is based on the aquifer test results, the groundwater availability of the Well 5 basin, as well as the limited potential for impacts to other users and resources.

Additionally, a 48 hour, constant-rate aquifer test was previously conducted on Well 4, at a rate of 48 gpm. This test was performed in August 2004 and supported the sustainable withdrawal of water from the existing wells.