



## SUSQUEHANNA RIVER BASIN COMMISSION

4423 North Front Street • Harrisburg, Pennsylvania 17110-1788

Phone (717) 238-0423 • Fax (717) 238-2436

Web <http://www.srbc.net>

### Groundwater Withdrawal Application Summary

**Source Name:** VOH Well #1

**SRBC Pending No.:** 2017-051

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: Village of Hamilton  
Mailing Address Line 1: 3 East Broad Street  
Mailing Address Line 2: P.O. Box 119  
City: Hamilton  
State: NY  
ZIP Code: 13346

#### Contact Person:

First Name: Sean  
Last Name: Graham  
Title: Village Administrator  
Telephone: 315-824-1111  
Fax:  
Mobile:  
**E-mail:** [seang@hamilton-ny.gov](mailto:seang@hamilton-ny.gov)

#### 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:  
2032

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	3.23	3.23
Maximum Daily Water Demand :	3.23	3.23
System Capacity :	1.5	1.5

#### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 12  
Maximum Instantaneous Withdrawal Rate (gpm): 1200  
Maximum 24-Hour Day (mgd): 1.73  
Maximum 30-Day Average (mgd): 1.73

#### 2.2 Facility Location

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

Street Address: Off W Kendrick Ave

State: NY

County: Madison

Municipality: Hamilton Village

Zip Code: 13346

Subbasin: Upper Susquehanna

## 2.1 Project Facility Description

The project facility is owned by the Village of Hamilton, New York (Village) and is located off West Kendrick Avenue, Hamilton, New York 13346. FIGURE 1.1 is a topographic map showing the location of the project facility. The Village currently operates two (2) groundwater supply wells with a combined Susquehanna River Basin Commission (SRBC) permitted system limit of 3.23 million gallons per day (mgd). The Village in agreement with the SRBC is performing an aquifer test plan and constant rate pumping test to renew the permit for Payne Brook Well 1 at the above referenced location which is permitted for 1.73 mgd.

Moody and Associates, Inc. (Moody) has been retained by the Village to assist with the re-permitting of Well 1. The Village is not seeking an increase in withdrawal from Payne Brook Well 1.

Payne Brook Well 1 was installed in 1986 by Tully Drilling Company, Inc. as a water supply well for the Village.

The following includes details regarding Payne Brook Well 1:

1. The anticipated long-term owner of Payne Brook Well 1 is the Village of Hamilton, Madison County, New York.
2. Payne Brook Well 1 will continue to serve as a groundwater supply to the Village.
3. The Village has a current water withdrawal limit of 3.23 mgd.
4. The Village has a current water need of 2.652 mgd
5. The Village utilizes two water storage facilities; the West Hill Tank with a capacity of 804,000 gallons and the East Hill Tank with a capacity of 500,000 gallons. Colgate University also has a tank with a capacity of 340,000 gallons.
6. Water from Payne Brook Well 1 will be used as a public water supply for the Village.
7. The return flow outfall is the wastewater treatment facility located approximately ½ mile downstream of the project facility.
8. FIGURE 1.2 presents a generalized construction and hydrogeologic well log of Payne Brook Well 1 based on information from Tully Drilling Company, Inc.'s original well construction log and the Stearns & Wheler geologic descriptive log.