



## 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:** Well 2

**SRBC Pending No.:** 2022-004

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: PO Box 119  
Mailing Address Line 2: 3 Broad Street  
City: Hamilton  
State: NY  
ZIP Code: 13346

#### Contact Person:

First Name: David  
Last Name: Jordon  
Title: Wastewater Superintendent  
Telephone: 3158241760  
Fax:  
Mobile: 3157500069  
**E-mail:** davidj@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): 1.5  
Maximum 30-Day Average (mgd): 1.5

## **Project Facility Description**

The Village of Hamilton, New York (Hamilton) provides water to about 4,239 residents through two (2) groundwater supply wells, Payne Brook Well 1 (Well 1) and Payne Brook Well 2 (Well 2). The two wells are permitted by the New York State Department of Health (NYSDOH) and Department of Environmental Conservation (NYSDEC) as public water supply sources. Well 1 was first permitted under Susquehanna River Basin Commission (SRBC) docket number 19871101 with a limit of 0.51 million gallons per day (mgd). On May 14, 1992, the SRBC approved a request by Hamilton to increase the withdrawal limit to 1.73 mgd. Well 2 was first permitted under SRBC docket number 19970706 for 1.50 mgd and a total system withdrawal limit (30-day average) of 1.50 mgd.

Well 1 and Well 2 are located in Hamilton, NY. Well 1 was originally drilled and developed in 1986 by Tully Drilling Company, Inc. to serve as the primary water supply for Hamilton. The well was drilled to a depth of 67 feet below the ground surface (ft bgs) and is cased to 47 ft bgs with a 20-foot screened interval below the casing. Well 2 was originally drilled and developed in 1996 by The Hydro Group to serve as an additional water supply for Hamilton. The well was drilled to a depth of 72 feet below the ground surface (bgs) and is cased to 52 feet bgs with a 20-foot screened interval below the casing. The screened interval is located within a coarse sand and gravel aquifer. The depth to water at the time of drilling was 6 feet bgs.

Well 1 is located within a block pump house and is equipped with a vertical turbine pump, pump motor, cumulative and instantaneous flow meter, water level transducer with digital display, disinfection system, and fluoride input system. Well 2 is located 186 feet to the west of Well 1. It is a standalone well that is protected by a chain link fence enclosure. Well 2 is piped to the Well 1 pumphouse where it connects with the aforementioned equipment.