



## 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 number 1

**SRBC Pending No.:** 2018-097

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 Windsor

Mailing Address Line 1: 107 Main St

Mailing Address Line 2:

City: Windsor

State: NY

ZIP Code: 13865

#### Contact Person:

First Name: David

Last Name: Decker

Title: Superintendent of Public Works

Telephone: (607) 655-2833

Fax: (607) 655-4095

Mobile: (607) 222-8457

**E-mail:** [deck43vow@gmail.com](mailto:deck43vow@gmail.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:

2033

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.329	0.38
Maximum Daily Water Demand :	0.477	0.45
System Capacity :	0.54	0.54

#### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 15

Maximum Instantaneous Withdrawal Rate (gpm): 375

Maximum 24-Hour Day (mgd): 0.54

Maximum 30-Day Average (mgd): 0.38

# **VILLAGE OF WINDSOR WELL #1**

## **Groundwater Withdrawal Permit**

### **Section 2.1 Project Facility Description**

This project involves the renewal of the groundwater withdrawal permit for the Village of Windsor Well #1, located at 30 Main Street, in the south portion of the Village of Windsor, Town of Windsor, Broome County, New York. The well was installed in June 1978 and was permitted in January 1979 at a 30-day average pumping rate of 0.454 million gallons per day (Mgd). The Village is applying for an SRBC 15-year permit renewal at the reduced withdrawal rate of 0.380 Mgd for both wells in the water supply system. The Village is also requesting that the two-well system be permitted as a wellfield with a combined withdrawal rate.

The Village of Windsor New York (Village), located in eastern Broome County, is supplied by public water system that uses two active public water supply wells. Well #1 was installed in 1953 and supplied water to the public system until it was supplemented by Well #2 which was installed in 1973 and predated Susquehanna River Basin Commission (SRBC) withdrawal permitting which began in 1978. In 1978, the original Well #1 was replaced by a new well, temporarily named Well #3. Well #3 was renamed Well #1 when the original 1953 Well #1 was decommissioned shortly after Well #3 was completed. Well #1 received an SRBC groundwater withdrawal permit (#19790103) in the amount of 0.4536 million gallons per day (mgd). Currently, Well #1 (1978) and Well #2 (1973) are operated alternately in a manner that each well supplements the other on a daily basis to meet the public water supply demand of the Village of Windsor. Areas outside of the Village limits are supplied by private water supply wells with the exception of Windsor High School which also is supplied by the Village water system.

Currently, the 30-day average water demand for the Village water system is 0.329 mgd and the projected average water demand in 15 years is estimated to be approximately 0.380 mgd. The current maximum daily water demand is 0.477 mgd and future maximum daily water demand is estimated to be 0.45 mgd in 15 years. The total capacity of the Village water system is 0.54 mgd. Return flow to the Susquehanna River, in the form of sewage effluent, which is through on-lot septic systems because the Village does not have a public sewer system. The Village currently provides water to 418 connections and approximately 1,500 customers including the nearby Windsor Central high school. Seventy-nine of the 418 customers are not metered resulting in the actual user water demand being higher than that which has been documented.