



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: PW-1

SRBC Pending No.: 2021-146

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: Town of Oneonta
Mailing Address Line 1: PO Box A
Mailing Address Line 2:
City: West Oneonta
State: NY
ZIP Code: 13861

Contact Person:

First Name: Robert
Last Name: Wood
Title: Town of Oneonta
Telephone: 607-432-2900
Fax:
Mobile:
E-mail: supervisor@townofoneonta.org

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:
0

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0	0
Maximum Daily Water Demand :	0	0
System Capacity :	0	0

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 1
Maximum Instantaneous Withdrawal Rate (gpm): 0
Maximum 24-Hour Day (mgd): 0
Maximum 30-Day Average (mgd): 0

Southside Water System - Facility Description

Wells 1 and 2 comprise a new groundwater source for the newly constructed Southside Water System to provide drinking water to Town of Oneonta Water Districts 5 and 6 and to provide a backup source to the Woodland Water District in the future. The groundwater withdrawal application requests a 30-day average withdrawal rate of 0.720 mgd for both wells combined. Each well will have maximum instantaneous withdrawal rate of 500 gpm. The wells will not be used simultaneously.

The well water will be pumped to the Well Control Building near the wells, to be constructed in 2022, where it will be measured and monitored. Chlorine disinfection will be provided through injection of Sodium Hypochlorite (NaOCl) to achieve a chlorine residual. A blend of poly/orthophosphate will be injected to sequester the total hardness factor, iron and manganese and inhibit corrosion.

After treatment, the water will enter the distribution system, 37,000 lf of piping, and the 500,000 gallon storage tank.

Construction on the project began in June 2020 and is expected to be ready for connection in June 2022.