



SUSQUEHANNA RIVER BASIN COMMISSION

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

Groundwater Withdrawal Application Summary

Source Name: Well 6

SRBC Pending No.: 2022-003

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 Conklin
Mailing Address Line 1: 1271 Conklin Road
Mailing Address Line 2: P. O. Box 182
City: Conklin
State: NY
ZIP Code: 13748

Contact Person:

First Name: Colin
Last Name: Casey
Title: Water system operator
Telephone: (607) 624-3815
Fax: (607) 775-1434
Mobile:
E-mail: ccasey@townofconklin.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:
2037

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.249	0.275
Maximum Daily Water Demand :	0.281	0.3
System Capacity :	1.9	0.75

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 4
Maximum Instantaneous Withdrawal Rate (gpm): 1320
Maximum 24-Hour Day (mgd): 0.35
Maximum 30-Day Average (mgd): 0.35

Detailed Project Description

Town of Conklin

Well 5 and 6 are located in the Town of Conklin. The facility is raised above the 500-year flood stage level. Below the building sits the clear well which is designed to give treated water the correct contact time needed to meet Health dept. standards for safe drinking water. Well 6 is the main water source for the Town of Conklin's drinking water and fire protection. Well 5 is used as a backup source.

The original well was drilled and tested in 1999. The building was completed and put into operation in 2003. The SRBC originally approved this well facility for groundwater withdrawal of a 30-day average not to exceed .350 MGD. The renewal application for well 5 and 6 is for the same groundwater withdrawal amount of .350 MGD.

Both wells 5 and 6 are located in the well field in the town of Conklin. Groundwater is pumped from the aquifer into the treatment facility where it is treated per NYS Health Dept. standards for safe drinking water. The water is then pumped from the facility into the distribution system where the excess fills our storage tanks to supply the water system with enough water for peak demand and fire protection at all times.