



# SUSQUEHANNA RIVER BASIN COMMISSION

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## Groundwater Withdrawal Application Summary

**Source Name:** Well 7

**SRBC Pending No.:** 2023-009

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 Erwin - Morningside Heights Water District  
Mailing Address Line 1: 310 Town Center Road  
Mailing Address Line 2: 2nd Floor  
City: Painted Post  
State: NY  
ZIP Code: 14870

#### Contact Person:

First Name: James  
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### 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:  
2040

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.989	2.775
Maximum Daily Water Demand :	1.051	2.949
System Capacity :	3.31	4.808

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24  
Maximum Instantaneous Withdrawal Rate (gpm): 1000  
Maximum 24-Hour Day (mgd): 1.44  
Maximum 30-Day Average (mgd): 1.44

## **2.0 BACKGROUND**

### **2.1 Project Facility Description**

#### **A. Site/facility name**

Well 7

#### **B. Anticipated long-term owner and operator**

The Town of Erwin Groundwater Wells are owned and operated by the Town of Erwin.

#### **C. Type of facility**

The well #7 and pump house operates, and pumps water to the northern and/or southern Town of Erwin water district as needed. The facility also provides disinfection in the form of chlorine gas to bring the groundwater to a potable standard.

#### **D. Purpose of the Withdrawal**

The projected total water usage will be around 2,274,023 GPD on average in 2040, while the current average demand is 2.16 GPD. Therefore, the Town of Erwin must consider the addition of the proposed Well 7.

#### **E. Description of Site Activities**

The current site of the well includes a pumphouse, which mainly pumps water to the Addison water storage tank. With the addition of Well 7 to the site, the site will then pump a maximum of 1000 GPM from groundwater sources and distribute the water to the municipality as needed.

#### **F. Requested Quantity of the Water to be Withdrawn**

The Town of Erwin, NY requests that up to 94,683,270 gallons per month be withdrawn from all sources within the municipality. Calculations are shown in section 1.5 Reasonable Foreseeable Need.

#### **G. Date which Operations Shall Begin**

The estimated date for construction shall be June 2023, DOH approval permitting.