



# SUSQUEHANNA RIVER BASIN COMMISSION

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## Groundwater Withdrawal Application Summary

**Source Name:** Well #7

**SRBC Pending No.:** 2022-103

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: Biglerville Borough  
Mailing Address Line 1: 33 Musselman Avenue  
Mailing Address Line 2:  
City: Biglerville  
State: PA  
ZIP Code: 17307

#### Contact Person:

First Name: Doug  
Last Name: Hays  
Title: Water / Wastewater Operator  
Telephone: 1 717 677-8802  
Fax: 1 717 677-8809  
Mobile: 1 717 357-1576  
**E-mail:** sewer3251@comcast.net

### 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:  
2038

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.117	0.129
Maximum Daily Water Demand :	0.289	0.289
System Capacity :	0.235	0.235

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 4  
Maximum Instantaneous Withdrawal Rate (gpm): 200  
Maximum 24-Hour Day (mgd): 0.288  
Maximum 30-Day Average (mgd): 0.112

**WELL #7**  
**DETAILED PROJECT DESCRIPTION**  
**SRBC GROUNDWATER WITHDRAWAL RENEWAL**  
**APPLICATION**

Well #7 is an existing groundwater source, just outside of the Biglerville Borough limits in Butler Township (the Site). The groundwater withdrawal application for Well #7 requests a 30 day average withdrawal rate of 0.112 million gallons per day (MGD) and a maximum instantaneous withdrawal rate of 200 gallons per minute (gpm).

In 1993, the SRBC approved the groundwater withdrawal of up to 0.22 MGD from the existing groundwater Well #7 under docket number 19930503. Other operating wells in the Biglerville water supply system include well #5 and well #6 both of which were granted Certificates of Registration for Grandfathered Water Use in November 2020. The maximum consecutive 30-day average withdrawal rates granted are 0.09 MGD for Well #5 and 0.099 MGD for Well #6.

Water demand is generally highest during the summer months, which occurs from June through September. Well #7 currently supplies approximately 20% of the total supply of public water from the system.

The well water is used for the supply of drinking water for the Borough of Biglerville and small portions of Butler Township which adjoin the Borough. There are no interconnections nor is water purchased from other municipalities sources. Wastewater is treated at the Biglerville Borough STP and a significant portion of the treated water is discharged back to the Susquehanna River basin in a small unnamed tributary to Conewago Creek (WWF) located in watershed 7-F under NPDES permit #PA0022250.

The primary purpose of Well #7 is to back up Well #6, which draws from the same aquifer and is located approximately 400 feet south of Well #6. The quality of the water from Well #7 is excellent and is similar to that of Well #6.

A 48-hour, constant rate aquifer test was conducted in October 1992 on Well #7, pumping at a rate of 200 gpm.