



# SUSQUEHANNA RIVER BASIN COMMISSION

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## Groundwater Withdrawal Application Summary

**Source Name:** 19890501

**SRBC Pending No.:** 2018-117

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: Shrewsbury Borough  
Mailing Address Line 1: 35 West Railroad Avenue  
Mailing Address Line 2:  
City: Shrewsbury  
State: PA  
ZIP Code: 17361

### Contact Person:

First Name: Brian  
Last Name: Sweitzer  
Title: Public Works Superintendent  
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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:  
2033

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.335	0.616
Maximum Daily Water Demand :	0.409	0.752
System Capacity :	0.878	0.878

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24  
Maximum Instantaneous Withdrawal Rate (gpm): 68.75  
Maximum 24-Hour Day (mgd): 0.099  
Maximum 30-Day Average (mgd): 0.099



## SHREWSBURY BOROUGH

The Meadow Well is a groundwater source in Shrewsbury Borough. The well was developed with the Brookview Meadows subdivision. The Meadow Well was permitted by the SRBC in 1989 (permit# 19890501). The groundwater withdrawal rate is 70 gallons per minute and a 30-day average withdrawal rate of 0.100 MGD. Shrewsbury Borough is requesting 0.099 MGD on the current application.

The Meadow Well pumps water into the Shrewsbury Borough Water System with initial pumping on June 7, 1991. The water is used for domestic water and fire protection. The water treatment occurs on site with Sodium Hypochlorite, Sodium Hydroxide, and a Polyphosphate (Dabcoat 22). The Shrewsbury water system is nine wells and four storage tanks with 1.352 MG of water storage.

The Shrewsbury Borough Water System supplies water to Shrewsbury Borough and Shrewsbury Township water customers. The area is growing rapidly with at least 53 new homes connecting to the water system in 2019 and 2020. The Borough Wells are spaced out throughout Shrewsbury Borough and Shrewsbury Township encompassing different drainage basins spread throughout the municipalities. The Meadow Well has the third highest instantaneous output of the nine Shrewsbury Borough wells. The Meadow Well's output is 70 GPM and is the Borough's most efficient well due to a plentiful water supply and water table close to ground level.