



# SUSQUEHANNA RIVER BASIN COMMISSION

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## Groundwater Withdrawal Application Summary

**Source Name:** Monroe Manor Well-8

**SRBC Pending No.:** 2022-062

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: Aqua Pennsylvania, Inc  
Mailing Address Line 1: 204 E. Sunbury St  
Mailing Address Line 2:  
City: Shamokin  
State: PA  
ZIP Code: 17872

#### Contact Person:

First Name: Stephen  
Last Name: Draus  
Title: Area Manager  
Telephone: 570.648.5783  
Fax:  
Mobile:  
**E-mail:** [SJDraus@aquaamerica.com](mailto:SJDraus@aquaamerica.com)

### 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 :	0.365	0.569
Maximum Daily Water Demand :	0.542	0.842
System Capacity :	0.694	0.392

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 18  
Maximum Instantaneous Withdrawal Rate (gpm): 335  
Maximum 24-Hour Day (mgd): 0.542  
Maximum 30-Day Average (mgd): 0.482

### 2.2 Facility Location

Please enter the address of the parcel where the Project Facility is located.

Street Address: 702 Airport Road  
State: PA  
County: Snyder  
Municipality: Monroe Township  
Zip Code: 17870  
Subbasin: Lower Susquehanna

## WELL 8 GROUNDWATER WITHDRAWAL APPLICATION

Aqua Pennsylvania, Inc. – Monroe Manor PWSID#4550009

### 2.1 Project Facility Description

Site/Facility name: Aqua Pennsylvania, Monroe Manor Water System

Anticipated long-term owner and operator: Aqua Pennsylvania, Inc.

Type of facility: Community Water Supply production wells, pumping, treatment, and distribution.

Purpose of withdrawal: Well 8 will replace existing Well 7 that is docketed for 0.302 mgd (210 gpm) and is currently used, but will be decommissioned in late 2022 when construction for the Central Susquehanna Valley Transportation (CSV) Route 15 extension is slated to begin. Aqua's existing Well 4 that is docketed for 0.180 mgd (125 gpm) is no longer in use due to elevated nitrate, and will be decommissioned after Well 8 is operable, which will leave the Monroe Manor system with Wells 6 and 8.

Description of site activities: Activities will remain the same after Well 8 is operable, with the exception that Well 7 will be decommissioned. Raw water from Well 6 and 8 will be conveyed into the existing wellhouse where it will be disinfected, pass through the existing chlorine contact piping, and then into the distribution network.

Requested withdrawal: The Well 8 requested maximum pumping rate is 335 gpm that will produce a maximum of 0.482 mgd. Aqua is requesting the 30-day maximum at 0.482 mgd to allow for meeting peak day demand during the unanticipated distribution like break and future growth.

Date operations began: Aqua purchased the Rolling Green and Monroe Manor water systems in June 2002; existing Well 4 (constructed 1980) served the former and Well 6 (constructed 1988) served the latter system. Aqua combined the systems, and subsequently constructed Well 7 in 2009 to add source capacity and meet PADEP requirements for the system to meet the average day demand with the largest producing source offline. Well 8 is anticipated to be operational in 4<sup>th</sup> quarter 2022.