



SUSQUEHANNA RIVER BASIN COMMISSION

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

Groundwater Withdrawal Application Summary

Source Name: Well 11

SRBC Pending No.: 2024-062

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: Dover Township
Mailing Address Line 1: 2480 W Canal Rd
Mailing Address Line 2:
City: Dover
State: PA
ZIP Code: 17315

Contact Person:

First Name: Matthew
Last Name: Helwig
Title: Utilities Superintendent
Telephone: 7172923634
Fax:
Mobile:
E-mail: mhelwig@divertownship.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:
2040

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	1.162	1.42
Maximum Daily Water Demand :	1.502	1.836
System Capacity :	2.6	3.1

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 12
Maximum Instantaneous Withdrawal Rate (gpm): 100
Maximum 24-Hour Day (mgd): 0.144
Maximum 30-Day Average (mgd): 0.144

2.1 Project Facility Description

Dover Township maintains and operates a public water supply system that delivers drinking water to a population of approximately 21,000 people in Dover Township, York County through residential, commercial, and industrial connections. The Dover Township Water System consists of eight (8) groundwater wells (Wells 2, 3, 4, 5, 6, 8, 9, and 10) located in Dover Township, five storage tanks, two booster stations and a purchased water source. The Dover Township Water System also previously operated Well #7 which has been formally abandoned and grouted. The average daily water usage was reported to be 1.072 million gallons per day (MGD) in 2022, with a maximum daily usage of 1.502 MGD. The entire Dover Township water distribution area is serviced by the Dover Township Sewer Authority. The Authority maintains a Wastewater Treatment Facility that discharges to the Little Conewago Creek.

Well #11 was drilled and tested in order to provide a replacement water supply source to the Dover Township water system. Well #7 had exhibited chronic water quality issues and been out of service since 2015, but was previously permitted with a maximum consecutive 30-day average withdrawal of 0.099 MGD. In order to maintain capacity, the Township developed a replacement well in near proximity to Well #7. In 2020, two of the three locations, site A and site C, were drilled as test wells; site A was later formally abandoned and grouted. Test Well C was converted to a production well, referred herein as Well #11. The groundwater withdrawal application for Well #11 requests a 30-day average rate of up to 0.144 million gallons per day and a maximum instantaneous withdrawal rate of 100 gallons per minute. Site operations and water withdrawal are anticipated to begin in 2025 – 2026.