



SUSQUEHANNA RIVER BASIN COMMISSION

4423 North Front Street • Harrisburg, Pennsylvania 17110-1788
Phone (717) 238-0423 • Fax (717) 238-2436
Web <http://www.srbc.net>

Groundwater Withdrawal Application Summary

Source Name: Production Well #4 (PW-4)

SRBC Pending No.: 2020-136

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: Greenfield Township Municipal Authority
Mailing Address Line 1: P.O. Box 372
Mailing Address Line 2: 1342 Bedford Street
City: Claysburg
State: PA
ZIP Code: 16625

Contact Person:

First Name: Tim
Last Name: Oakes
Title: Manager
Telephone: 814-239-5778
Fax:
Mobile: 814-381-1018
E-mail: gtma@atlanticbb.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:
2035

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.189	0.672
Maximum Daily Water Demand :	0.307	1.147
System Capacity :	1.258	1.258

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24
Maximum Instantaneous Withdrawal Rate (gpm): 350
Maximum 24-Hour Day (mgd): 0.499
Maximum 30-Day Average (mgd): 0.499

Project Facility Description
Well PW-4 Groundwater Withdrawal
Greenfield Township Municipal Authority
Greenfield Township, Blair County, Pennsylvania

2.1. Project Facility Description

System design details are presently under development by GTMA and their consulting engineering firm, Stiffler-McGraw. Preliminary plans indicate that the facility will include the existing groundwater production well (PW-4), an approximately 1,000-foot underground water conveyance line, and a 400 square foot water treatment plant and pump-house. Upon leaving the treatment plant/pump-house the water will be conveyed an additional 2,000 feet up topographic slope to an existing GTMA water storage tank for distribution to and ultimate use by GTMA water customers, including commercial users at the nearby Marasco Industrial Park. The well, conveyance lines, and treatment/pump-house will be operated by GTMA, who will serve as the long-term owner and operator of the water supply and associated appurtenances. PW-4 will serve as an additional source of groundwater for the residential and commercial users located within Greenfield Township.

GTMA currently utilizes two other groundwater sources in the Township (PW-1 and PW-3) for both residential and commercial use. These sources, along with PW-4, will supply the GTMA Public Water Supply system (PADEP PWS ID No. 4070058). The available and planned water storage capacity is approximately 1.258 MGD. GTMA is requesting the approval of a groundwater withdrawal of up to 499,999 gallons per day (gpd) at a maximum pumping rate of 350 gallons per minute (gpm). This withdrawal will support the existing GTMA system, provide source redundancy, and provide capacity for the development of the adjacent Altoona Blair County Development Corporation (ABCD Corp) – Marasco Industrial Park. GTMA anticipates permit application submittals to be completed in late 2019 or early 2020, with review and approval in 2020. It is the Authority's desire to expeditiously advance this project to provide source redundancy and operational flexibility which will allow for system maintenance and/or upgrades.