



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: Taylor Run Well #1

SRBC Pending No.: 2022-070

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: Blossburg Municipal Authority
Mailing Address Line 1: 241 Main Street
Mailing Address Line 2: BLOSSBURG BOROUGH
City: Blossburg
State: PA
ZIP Code: 16912

Contact Person:

First Name: George
Last Name: Lloyd
Title: Manager
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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:
2037

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.315	0.397
Maximum Daily Water Demand :	0.45	0.528
System Capacity :	0.48	0.624

1.4 Requested Withdrawal Amount:

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

**Blossburg Municipal Authority
Taylor Run Well #1
SRBC Permit for Groundwater Withdrawal
June 2022**

Section 2.1 - Project Facility Description

The overall project involves the construction of a water transmission line, two new drinking water sources and a finished water storage tank as additions to the Blossburg Water System located in Hamilton Township. The project is located along Taylor Run (Existing Use EV, MF), tributary to the Tioga River (CWF, MF).

In 2012 and 2014, BMA constructed two new wells designated Taylor Run Test Wells #1 and #3. They are both located in Hamilton Township, Tioga County. Aquifer testing has been completed and the Authority is seeking approval for public water supply production.

Approximately 2,000 lineal feet of 10" ductile iron water main has been installed between the existing line and the proposed finished water storage tank. A precast concrete tank is being constructed in the location of an old borrow pit and will have a capacity of one million gallons. A chlorination facility will also be provided within the tank compound. In addition, approximately 2400 lineal feet of 6" ductile main will be installed to connect the new wells to the tank.

Two intermittent stream crossings are required to complete the project. One is an unnamed tributary and the other is named Dibble Run. Both are normally dry in the summer & early fall and have limited contributing watersheds. Each has already been impacted by the construction of Taylor Run Road. Culverts exist for both. The water line will cross just upstream of these culverts following the course of the existing road ditch. Minimal disturbance to the vegetation is required and the installation will be made "in the dry". A Joint Permit Application has been approved for these crossings.

Electric lines are already in-place to serve the existing fish nursery. The supplying utility believes this system will be

adequate with new transformers and minor modifications to the service drops. Any new electric service will be installed underground to minimize clearing and tree removal. A propane powered standby generator will be provided at the well #1 site. The stream crossing for new conduit is included in the Joint Permit described above.

An application for an Individual NPDES Permit for Stormwater Discharges associated with Construction Activities has been approved for all proposed activities.

The renewed March 2021 PNDI search confirmed no impacts anticipated for the project.