



SUSQUEHANNA RIVER BASIN COMMISSION

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

Groundwater Withdrawal Application Summary

Source Name: Well 4

SRBC Pending No.: 2020-164

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: Denver Borough
Mailing Address Line 1: 501 Main Street
Mailing Address Line 2:
City: Denver
State: PA
ZIP Code: 17517

Contact Person:

First Name: Michael
Last Name: Hession
Title: Borough Manager
Telephone: 717-336-2831
Fax:
Mobile: 717-666-4629
E-mail: mhession@denverboro.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 :	0.263	0.298
Maximum Daily Water Demand :	0.346	0.513
System Capacity :	1.231	1.231

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 6
Maximum Instantaneous Withdrawal Rate (gpm): 300
Maximum 24-Hour Day (mgd): 0.43
Maximum 30-Day Average (mgd): 0.12

**DENVER BOROUGH SRBC WELL PERMITTING
HANOVER PROJECT DB19-16
GROUNDWATER WITHDRAWAL APPLICATION**

SECTION 2.1 PROJECT FACILITY DESCRIPTION

The Project Facility is Denver Borough. This is the municipality where the transmission and sale of water take place. However, it should be noted that source Wells 1, 2, and 3, the Collection Reservoir and pumping station, and finished water storage Reservoirs 1 and 2 are all located in adjacent East Cocalico Township. Final treatment occurs at the Collection Reservoir. Source Well 4, the surface water intake, and control facilities are all located within Denver Borough.

The current long-term owner and operator of this facility is Denver Borough. It is anticipated that Denver Borough will remain the owner and operator long-term.

Denver Borough's list of existing water sources is as follows:

Smokestown Well 1

Fisher Well 2

Roberts Well 3

Denver Heights Well 4

Surface water withdrawal from the Cocalico Creek

The existing and planned water use at the facility is public water supply.

The available storage capacity of the Denver Borough water system is as follows:

Collection Reservoir: 210,000 gallons

Storage Reservoir 1: 750,000 gallons

Storage Reservoir 2: 750,000 gallons

No additional storage capacity is planned at this time.

Water from Wells 1, 2, and 3, and from the surface water withdrawal is pumped to the Collection Reservoir, where final treatment is accomplished using Sodium Hypochlorite for disinfection. From here, water is pumped into the distribution system, or the storage reservoirs as needed.

There is no return flow outfall in the water system. The overflow from the sludge treatment tank (liquid wastes only) is discharged to the Denver Borough sanitary sewer system.

Driving directions: Take the Pennsylvania Turnpike (I76) to Exit 286 to Colonel Howard Boulevard. Take this to the intersection with SR272 and make a left to go west on SR272. Make a right on West Church Street. This becomes Main Street upon entering Denver Borough. Continue straight on Main Street to the Borough Office on the right at 501 Main Street.