



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: Well 8

SRBC Pending No.: 2018-113

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: Municipal Authority of the Township of East Hempfield
Mailing Address Line 1: 920 Church Street
Mailing Address Line 2: PO Box 97
City: Landisville
State: PA
ZIP Code: 17538

Contact Person:

First Name: Steven
Last Name: Gohn
Title: Superintendent
Telephone: 717-898-8231
Fax:
Mobile:
E-mail: steveehwater@comcast.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:
2033

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	1.501	6.1
Maximum Daily Water Demand :	2.765	6.1
System Capacity :	1.937	6.1

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24
Maximum Instantaneous Withdrawal Rate (gpm): 1005
Maximum 24-Hour Day (mgd): 1.447
Maximum 30-Day Average (mgd): 1.447



**WELL 8 GROUNDWATER WITHDRAWAL APPLICATION
(RENEWAL OF DOCKET NO. 19890503)
MUNICIPAL AUTHORITY OF THE TOWNSHIP OF EAST HEMPFIELD**

2.1 Project Facility Information

Facility Name

The name of the project facility is Well 8.

Anticipated Long-Term Owner and Operator

The Municipal Authority of the Township of East Hempfield (MATEH) owns and operates the public water supply system supplying East Hempfield Township. MATEH is the anticipated long-term owner and operator of the project facility.

Type of Facility

The facility is a groundwater withdrawal well, which includes a chlorine treatment system and transmission pipelines.

Purpose of the Withdrawal

The groundwater withdrawn from Well 8 is interconnected with the MATEH public water supply system.

Description of Site Activities

MATEH was founded in 1941 to supply potable water to East Hempfield Township, Lancaster County, Pennsylvania. The water supply system consists of 92 miles of pipeline, six pumping stations, and six storage tanks, which obtain water from nine groundwater wells (Wells 1, 2, 3, 4, 5, 6, 7, 8, and 11) and one surface spring (Spring S-1). All source water is treated with chlorine and released to the transmission lines and storage tanks. MATEH has the ability to obtain additional water, on an emergency basis, from an interconnection with the City of Lancaster Authority.

Requested Quantity of Water

MATEH is requesting a groundwater withdrawal amount of 1.447 million gallons per day (mgd) from Well 8 on a 30-day average basis. Well 8 and Well 5 compose a sub-system, and a total sub-system allocation of 1.447 mgd is requested based on the highest yielding well (Well 8).

Date Operations Began

Well 8 was installed in October 1987 and tested in December 1987. Operation began with the issuance of the initial PADEP Public Water Supply Permit in April 1990.