



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Groundwater Withdrawal Application Summary

**Source Name:** Well 7 (W-7)

**SRBC Pending No.:** 2016-093

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: PO Box 97  
Mailing Address Line 2: 920 Church Street  
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](mailto: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:  
2031

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	1.559	6.1
Maximum Daily Water Demand :	2.401	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): 101  
Maximum 24-Hour Day (mgd): 0.145  
Maximum 30-Day Average (mgd): 0.145

## **2.1 Project Facility Description**

### **Facility Name**

The name of the project facility is Well 7.

### **Anticipated Long-Term Owner and Operator**

The Municipal Authority of the Township of East Hempfield (MATEH) owns and operates the municipal 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 and additionally includes a chlorine treatment system and transmission pipelines.

### **Purpose of the Withdrawal**

The groundwater withdrawn from Well 7 is used in the MATEH municipal drinking water supply system.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. The authority 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 0.145 million gallons per day (mgd) from Well 7 on a 30-day average basis.

### **Date Operations Began**

Well 7 was installed in March 1986 and tested in April 1986. Operation began with the issuance of the initial PADEP Public Water Supply Permit for Wells 6 and 7 in March 1988.