



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: Well No. 4

SRBC Pending No.: 2019-002

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: WEAVERLAND VALLEY AUTHORITY - EAST EARL, PA

Mailing Address Line 1: 4610 Division Hwy

Mailing Address Line 2:

City: East Earl

State: PA

ZIP Code: 17519

Contact Person:

First Name: Bruce

Last Name: Crabb

Title: Supervisor of operations

Telephone: 717-354-5593

Fax:

Mobile:

E-mail: bruce-crabb@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:

15

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.084	0.135
Maximum Daily Water Demand :	0.184	0.27
System Capacity :	0.173	0.317

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 12

Maximum Instantaneous Withdrawal Rate (gpm): 145

Maximum 24-Hour Day (mgd): 0.209

Maximum 30-Day Average (mgd): 0.144

WEAVERLAND VALLEY AUTHORITY
WELL NO. 4

Project Facility Description

November 2018

Site/Facility Name: Weaverland Valley Authority Well No. 4

Anticipated Long Term Owner and Operator: Weaverland Valley Authority (Authority), 4610 Division Highway, East Earl, PA 17519

Type of Facility: Groundwater well and treatment facility to supply public water.

List of Existing Water Sources: Well No. 1, Well No. 2 and Well No. 3 are permitted by the PADEP to operate at 85 gpm, 33 gpm, and 120 gpm, respectively. The wells are not operated simultaneously and pump an average volume of 0.119 mgd or 83 gpm.

Description of existing/planned water use at the facility: Currently Well No. 4 operates at less than 60 gallons per minute and serves one industrial manufacturing facility. The well is not connected to the Authority water system. In the future the well and associated treatment equipment will be connected to the Authority. The 30 day average withdrawal from the well is anticipated to be 0.144 mgd and the maximum 24 hour withdrawal is anticipated to be 0.209 mgd. The well will immediately be connected to the Authority system after permitting and associated system upgrades are complete.

Planned Water Storage: The Authority currently has one 300,000 gallon elevated storage tank. The Well No. 4 treatment facility holds 170,000 gallons of treated water in a below grade concrete storage tank; this tank is not currently connected to the Authority water system.

Location of returned flow outfalls: Wastewater from Weaverland Valley Authority customers is currently discharged to the Mill Creek Watershed from the New Holland Borough Authority and the Earl Township Sewer Authority wastewater treatment facilities.