



# SUSQUEHANNA RIVER BASIN COMMISSION

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## Groundwater Withdrawal Application Summary

**Source Name:** SWPA/Newberry DuPont Application

**SRBC Pending No.:** 2017-060

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: SUEZ Water Pennsylvania  
Mailing Address Line 1: 4211 East Park Circle  
Mailing Address Line 2:  
City: Harrisburg  
State: PA  
ZIP Code: 17111

#### Contact Person:

First Name: Steven  
Last Name: Metzler  
Title: Sr. Engineer  
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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:  
2032

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.55	0.64
Maximum Daily Water Demand :	0.68	0.77
System Capacity :	0.97	0.97

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24  
Maximum Instantaneous Withdrawal Rate (gpm): 50  
Maximum 24-Hour Day (mgd): 0.072  
Maximum 30-Day Average (mgd): 0.072

### 2.2 Facility Location

Please enter the address of the parcel where the Project Facility is located.

Street Address: 925 Old Trail Road  
State: PA  
County: York  
Municipality: Newberry Township  
Zip Code: 17319  
Subbasin: Lower Susquehanna

## **2.1 Project Facility Description – DuPont Well - SRBC Docket 19880401**

The Dupont Well is an existing groundwater source in the SUEZ of Pennsylvania Newberry Water System (public supply).

The well is one of ten groundwater sources in the system, which include the Conley 1, Conley 2, Coppersmith, Eden, Susquehanna 1, Susquehanna 2, Reesers 1, Reesers 2, and Paddletown wells. Water storage is in the Grandview standpipe (0.3 million gallons – mgal), the DuPont ground level tank (0.3 mgal), and Newberry Point standpipe (0.566 mgal).

The well has been in service for over 20 years. The existing SRBC permit expires 14Apr2018. SRBC is requiring re-permitting, with a new aquifer test. SUEZ is requesting continued use of the well at its current maximum instantaneous rate of 50 gallons per minute (gpm), with a maximum-day average withdrawal rate of 0.06 million gallons per day (mgd).

The well is controlled by the Newberry Water SCADA system and operated based on local demand. A submersible pump is used to withdraw groundwater. The water is treated by aeration and simple chlorination before pumping into the distribution system. The DuPont standpipe is located adjacent to the well. Use from the well appears to be relatively consistent. In 2016, the well produced between 0.03 to 0.065 mgd, averaging 0.059 mgd.

Wastewater in much of the water service area is conveyed to the Newberry Wastewater Treatment Plant and discharged to the Susquehanna River under a NPDES permit. Water is discharged to groundwater via on-lot wastewater systems in areas not served by the public sewer system.

The requested withdrawal rate is based on the historic performance of the well and pumping system and the apparent lack of potential impacts to other users and resources.