



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: SWPA/Dallas Schooley Well

SRBC Pending No.: 2018-020

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 (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
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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 :	0.51	0.71
Maximum Daily Water Demand :	0.6	0.84
System Capacity :	0.927	0.927

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24
Maximum Instantaneous Withdrawal Rate (gpm): 170
Maximum 24-Hour Day (mgd): 0.245
Maximum 30-Day Average (mgd): 0.245

Facility Description

The Schooley well is owned and operated by Suez-Pennsylvania (Suez). It was formerly owned by United Water of Pennsylvania. However, SUEZ purchased the United Water-PA facilities in 2016. The Schooley well is part of the SUEZ, Dallas Pennsylvania Operations. The Schooley Well is an 8-inch diameter well, completed in 1987 and permitted in 1988. The casing extends to approximately 43 feet below ground surface and is grouted in place. A 14-inch surface casing extends to 26 feet below ground surface. The Schooley Well serves the Dallas Water System, which is a Pennsylvania Department of Environmental Protection (PADEP), Public Water Supply. The Dallas System includes the Gephart Well, Snyder Well, Country Club Well, Bunn Well, and Haddonfield well, which are all owned and operated by SUEZ. The PADEP permitted withdrawal rate for the Schooley Well is 0.245 million gallons per day (mgd). The original Docket for the Schooley well was for 0.288 mgd. The Schooley Well typically uses between 120,000 gallons per day (gpd) and 200,000 gpd, with a peak withdrawal of approximately 230,000 gpd. This application is to re-permit the well at 0.245 mgd. The Dallas system has a typical daily withdrawal of 0.510 gpd and a maximum of 0.600 gpd. The system capacity is 927,000 gpd.

Water reserves for the portion of the Dallas system which includes the Schooley well are currently stored in two Tanks; one 313,000 gallon Tank (Stonehenge) and one 250,000 gallon tank (High School Standpipe). There is also an interconnection with the Haddonfield portion of the system, which has a 285,700 gallon tank. The service area is almost completely sewered by the Dallas Area Municipal Authority (DAMA). Return flow from the Dallas Area Municipal Authority waste water treatment facility is to the Susquehanna River, outside of and well downgradient/downstream of the recharge area to the Schooley Well. The water budget accounts for areas in the contributing basin to the Schooley Well, that are sewered and non-sewered, and that are served by public water and not served by public water. The vast majority of the basin is both sewered and provided water via public supply. This application is for renewal of the Schooley Well operation, consistent with it's current permit and operations, which began in 1988 and have continued for 30 years.