SUSQUEHANNA RIVER BASIN COMMISSION
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Groundwater Withdrawal Application Summary

Source Name: PC Well 1 **SRBC Pending No.:** 2024-051

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:	Jersey Shore Area Joint Water Authority
Mailing Address Line 1:	1111 Bardo Avenue
Mailing Address Line 2:	
City:	Jersey Shore
State:	PA
ZIP Code:	17740

Contact Person:

First Name:	Eric
Last Name:	Johnston
Title:	Manager
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E-mail:	eric@jerseyshorewater.com

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:
2039

Total Project Water Usage	**Existing Usage (mgd)**	**Projected Usage For Design Year (mgd):**
Maximum 30-day Average Water Demand :	0.952	1.25
Maximum Daily Water Demand :	1.084	1.384
System Capacity :	1.4	1.4

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5):	16
Maximum Instantaneous Withdrawal Rate (gpm):	320
Maximum 24-Hour Day (mgd):	0.461
Maximum 30-Day Average (mgd):	0.452

2.1. Project Facility Description – Jersey Shore Area Joint Water Authority Pine Creek Well 1 (GW Withdrawal Application)

Jersey Shore Area Joint Water Authority (JSAJWA) owns and operates a public water system (Total System) in Pine Creek Township, Clinton County, Pennsylvania, that supplies water to the Borough of Jersey Shore, Salladasburg Borough, and portions of Porter, Mifflin, Nippenose, Piatt, and Anthony Townships in Lycoming County and to portions of Pine Creek Township in Clinton County. Water usage includes industrial, commercial, and domestic use. The water system includes one well, designated as Pine Creek Well 1 (PC Well 1), and surface water withdrawals from Larrys Creek, Roaring Run, and Pine Creek. The Pine Creek intake has not been used since 2010. JSAJWA anticipates increases in demands in the next 15 years, including increases to an existing pharmaceutical plant and adding services to the community of Linden. In addition, the surface water treatment plant for withdrawals from Larrys Creek and Roaring Run will be upgraded in the next two years and additional water will be needed from PC Well 1 during construction if withdrawals from Larrys Creek and Roaring Run are minimal or cannot occur.

The water system has operated since 1915. Permits for JSAJWA's withdrawals were originally issued by the Pennsylvania Department of Health to the Jersey Shore Water Company in the 1940s and 1950s. These permits were transferred to JSAJWA in September 1985 by the Pennsylvania Department of Environmental Resources.

System-wide, JSAJWA's recent peak day withdrawal was 1.084 mgd on February 26, 2022, and the recent maximum 30-day average withdrawal was 0.952 mgd in December 2022. JSAJWA anticipates future water needs for its system of 1.250 mgd by 2039.

PC Well 1 is grandfathered under Susquehanna River Basin Commission (SRBC) Certificate No. GF-202012137 for a maximum consecutive 30-day average withdrawal of 0.147 million gallons per day (mgd). The well is permitted by the Pennsylvania Department of Environmental Protection (DEP) for 320 gallons per minute (gpm) in accordance with the 4-log treatment process. This rate is equal to approximately 0.460 million gallons per day (mgd). Because of JSAJWA's increasing demands and given that PC Well 1 is capable of supplying more than the SRBC's grandfathered quantity, JSAJWA is proposing to increase PC Well 1's approved withdrawal quantity by 0.305 mgd, from its grandfathered rate of 0.147 mgd to a rate of 0.452 mgd. This rate is similar to the DEP permitted rate. The requested rate of 0.452 mgd is equivalent to the average pumping rate of PC Well 1 during the operational aquifer test.

JSAJWA maintains one in-ground storage impoundment and a storage tank for its water sources.