



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: Well PW-1

SRBC Pending No.: 2021-123

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: Wise Foods, Inc.
Mailing Address Line 1: 228 Raseley Street
Mailing Address Line 2:
City: Berwick
State: PA
ZIP Code: 18603

Contact Person:

First Name: Richard
Last Name: Wolfe
Title: Environmental & Facilities Manager
Telephone: (570) 759-4203
Fax:
Mobile:
E-mail: rwolfe@wisesnacks.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:
2037

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.66	0.86
Maximum Daily Water Demand :	0.869	0.86
System Capacity :	0.86	0.86

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 13
Maximum Instantaneous Withdrawal Rate (gpm): 850
Maximum 24-Hour Day (mgd): 0.869
Maximum 30-Day Average (mgd): 0.86

2.2 Facility Location

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

Street Address: 228 Raseley Street

State: PA

County: Columbia

Municipality: Berwick Borough

Zip Code: 18603

Subbasin: Middle Susquehanna

WISE Foods, Inc.
Groundwater Withdrawal Renewal Application
Section 2.1 Project Facility Description
November 12, 2021

Supply well PW-1 is an existing groundwater source located in the northern portion of Project's snack food manufacturing plant at 228 Raseley Street, Berwick, Columbia County, Pennsylvania (the Site). The groundwater withdrawal renewal application for PW-1 requests the continued permitting of a 30-day average withdrawal rate of 0.860 mgd (600 gpm) and a maximum instantaneous withdrawal rate of 850 gpm.

In 1992 the SRBC approved the groundwater withdrawal of up to 0.860 million gallons per day (mgd) from the newly installed groundwater supply well PW-1 under docket number 19920502. Groundwater demand is typically highest during summer months (typically June through August) during which peak demand occasionally approaches and/or slightly exceeds the current total system withdrawal limit; and can exceed 77% of the current 30-day average withdrawal limit. Withdrawals are significantly reduced on Sundays when the plant is closed. During non-summer months, total water demand and daily withdrawals are marginally reduced but still substantial.

The well water is used for food processing, plant operations, employee drinking water, and sanitary purposes. The facility also purchases water from the local public water system, which supplies minor quantities of potable water to the facility through various interconnections and serves as a back-up to the PW-1 well system. Potato processing activities constitute the largest use of plant water, and the effluent is treated at the facility and the treated water is discharged back to the Susquehanna River basin under a NPDES permit. Corn processing and general plant operation effluents are discharged to the public wastewater treatment system under permit, and are ultimately discharged back to the Susquehanna River basin.

Well PW-1 has three purposes:

1. To provide high quality water to support food processing related manufacturing activities.
2. To utilize an available on-site groundwater resource located in an area without identified nearby surface water or other groundwater withdrawal users that would be anticipated to be impacted.
3. To continue to provide a reliable source of food processing water at the current permitted withdrawal rate of 0.86 mgd.

The requested renewal of the existing 0.86 mgd maximum withdrawal permitted limit is based on a combination of recent peak and 30-day average plant water demands, periodic sustained periods of elevated increases in the amount of supplemental city water uses, and potential pandemic-related supply chain plant operations interruptions/recovery driven increases in plant

water demand. The Project received a Grandfathered Consumptive Use Quantity of 0.228 mgd, as a maximum consecutive 30-day average for food manufacturing and related uses under Certificate No. GF-202108182.

A 72-hour, constant rate aquifer test was conducted on PW-1 pumping at a rate of a 600 gpm, and a hydrogeologic report was prepared in 1992 summarizing the results of this testing. The requested continuation of the currently permitted withdrawal rate is based on the 1992 aquifer test results, groundwater availability of the PW-1 basin, and lack of potential impacts to other users and resources. An updated hydrological report is in the process of being developed, and as previously proposed to the SRBC the report will be submitted by February 15, 2022.