



SUSQUEHANNA RIVER BASIN COMMISSION

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Web <http://www.srbc.net>

Groundwater Withdrawal Application Summary

Source Name: Papetti's Well #2

SRBC Pending No.: 2024-032

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: Michael Foods Inc.

Mailing Address Line 1: 68 Spain Road

Mailing Address Line 2:

City: Klingerstown

State: PA

ZIP Code: 17941

Contact Person:

First Name: Kyle

Last Name: Strohecker

Title: Wastewater Manager

Telephone: 570-425-6223

Fax:

Mobile:

E-mail: Kyle.Strohecker@MichaelFoods.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 :	0.202	0.342
Maximum Daily Water Demand :	0.326	0.552
System Capacity :	0.695	0.695

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 1

Maximum Instantaneous Withdrawal Rate (gpm): 55

Maximum 24-Hour Day (mgd): 0.002

Maximum 30-Day Average (mgd): 0.001

2.2 Facility Location

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

Street Address: 68 Spain Road

State: PA

County: Schuylkill

Municipality: Upper Mahantango Township

Zip Code: 17941

Subbasin: Middle Susquehanna

2.1 Project Facility Description – Papetti’s Hygrade Egg Products, Inc., d.b.a. Michael Foods Egg Products Co., PA Plant Wells 1, 2, and 3 and Consumptive Use

Wells 1, 2, and 3 comprise existing groundwater sources located near the Papetti’s Hygrade Egg Products, Inc., d.b.a. Michael Foods Egg Products Co. (Michael Foods) egg processing plant at 68 Spain Road, Upper Mahantango Township, Schuylkill County, Pennsylvania (Site). The existing SRBC approvals provide a total system withdrawal limit (TSWL), based on 30-day average, of 0.350 million gallons per day (mgd) and a daily maximum consumptive water use of 0.225 mgd. Michael Foods is renewing approval for Wells 1, 2, and 3, and for consumptive use. Individually by well, the allocation has been broken down into:

Well	30-Day Average Withdrawal Rate (mgd)	Pump Capacity (gpm)
Well 1	0.266	200
Well 2	0.079	55
Well 3	0.350	325

Consumptive uses include the following:

- Three evaporators used to dissipate the heat generated from the refrigeration system,
- Two boilers used to create steam for cooking and sanitary uses,
- Evaporative losses from water treatment tanks that are open-topped, and
- Land application of sludge.

No increase to the water system withdrawal or consumptive use is anticipated.

In 1999 the SRBC approved a TSWL from Wells 1 and 2 of 0.266 mgd and a consumptive water use of 0.042 mgd under docket number 19990903. TSWL were based on 30-day averages. On April 18, 2000, the SRBC approved a change to the consumptive use of 0.100 mgd based on a 30-day average rather than a peak day. On September 11, 2008, the SRBC modified the consumptive use to 0.225 mgd based on a peak day and Well 3 was added to the Docket. The TSWL was also increased to 0.350 mgd as a 30-day average. The majority of the water used by the plant is pumped from Wells 1 and 3; Well 2 is for emergency uses. Water demand tends to be higher during the summer months and lower during the winter months. Currently, one or more of the wells are pumped daily, although Well 1 and Well 3 are rarely pumped concurrently.

The well water is used for both process water and potable water. It is classified as a Nontransient-Noncommunity Public Water Supply and has been permitted by the Pennsylvania Department of Environmental Protection (PADEP) under PWS ID 35-40932. The wells are connected to a 375,000 on-site storage tank.

The wastewater treatment plant (WWTP) treats both sanitary and processed water. Treated water from the on-site wastewater treatment facility is discharged to an unnamed tributary (UNT) to Pine Creek through an NPDES permit. The UNT is an ephemeral tributary, whose flow is comprised of discharge from the WWTP. Pine Creek flows into Mahantango Creek near the northeastern property boundary.

