



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: WS-3

SRBC Pending No.: 2019-109

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: Nicholas Meat LLC
Mailing Address Line 1: 508 East Valley Road
Mailing Address Line 2:
City: Loganton
State: PA
ZIP Code: 17747

Contact Person:

First Name: Brian
Last Name: Miller
Title: Director of Sustainability
Telephone: 570-725-3511
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Mobile: 5707252511
E-mail: bmiller@nicholasmeats.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:
2035

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	0.14	0.65
Maximum Daily Water Demand :	0.185	0.7
System Capacity :	0.11	1

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24
Maximum Instantaneous Withdrawal Rate (gpm): 120
Maximum 24-Hour Day (mgd): 0.173
Maximum 30-Day Average (mgd): 0.173

2.2 Facility Location

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

Street Address: 508 East Valley Road

State: PA

County: Clinton

Municipality: Greene Township

Zip Code: 17747

Subbasin: West Branch Susquehanna

2.1 PROJECT FACILITY DESCRIPTION AND REASONABLE FORESEEABLE NEED

Nicholas Meat LLC (Nicholas) owns and operates a meat processing and packing facility, located near Loganton, Pennsylvania. The Nicholas plant produces various meat cuts and products that are then used by other companies to make various end products. This submission pertains to a recently drilled well, Well WS-3. Two SRBC Aquifer Test Plan submissions are also proposed for the two other recently drilled wells, WS-1 and WS-4, at the Nicholas facility. No consumptive use permits are currently needed due to the reintroduction of the wastewater to the groundwater system via land application, planned water reuse, and the business being a net producer of water. The new wells will also allow Nicholas to discontinue hauling bulk water from off site to meet their demand.

The address of the operation is 508 East Valley Road, Loganton, PA, 17747. The plant is located south of Route 880 between Loganton and Carroll, while the well is located north of 880 at the same general location. The easiest way to get to the site is from Interstate 80. Take Exit 185, the Loganton Exit, from I-80. Turn South on Route 477 and drive approximately 1.2 miles to the intersection with Route 880 in Loganton. Turn left onto 880 North and drive approximately 1.2 miles. Turn right into the Nicholas Meat parking lot.

The water will be utilized to supply the packing house for processing, cooling, and cleaning. Approximately 110,000 gallons of storage capacity exist in the current plant operation, with a planned storage capacity of 1 million gallons after current plant expansions are completed. The processing system will return flow to be treated and reused by the packing facility. Following this proposed Groundwater Withdrawal Application, Nicholas will also be submitting two Aquifer Test Plans for wells WS-1 and WS-4. These three new wells are expected to not only provide water for increased production, but also allow for replacement of the two older existing wells within and adjacent to the plant. The removal of the two older wells will facilitate future plant expansions and renovations.

The mid-year 2020 estimated maximum 30-day average water demand, after some plant expansions are completed, is 0.250 mgd (174 gpm), with a 15-year projected maximum 30-day average water demand of 0.650 mgd. The current maximum daily water demand is approximately 0.160 mgd, with a 15-year projected maximum daily water demand of 0.700 mgd.

The total system storage capacity is 0.110 million gallons, with a projected storage capacity of 1 million gallons.

In summary, this Groundwater Withdrawal Application has been prepared to obtain approval for a withdrawal from Well WS-3 at 120 gallons per minute. The maximum instantaneous pumping rate is proposed to be 120 gallons per minute (173,000 gallons per day), with a maximum daily withdrawal of 120 gallons per minute (173,000 gallons per day). The withdrawal will start as soon as it is approved and the well is plumbed into the Nicholas Meat water system.