



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application North Branch Wyalusing Creek Project Summary

SRBC Pending No.: 2022-089

This summary is only a portion of the application materials and is meant to provide general information about the proposed project.

Project Sponsor

Company Name: BKV Operating, LLC

Address: 5385 State Route 6

State: PA

City: Tunkhannock

Zip Code: 18657

Contact Person: Heather Moyer

Title: Regulatory Manager

Telephone: 5704069979

Fax:

Mobile:

Email: heathermoyer@bkvoperating.com

Requested Surface Water Withdrawal Quantity

Projected Design Year: 2028

Existing Withdrawal Quantity: 0(mgd)

Requested Withdrawal Quantity: 2.731(mgd)

Maximum Instantaneous Withdrawal Rate: 1897(gpm)

Estimated Daily Operation: 24(hours/day)

Requested Consumptive Use Quantity - No

Existing Consumptive Use: 0(mgd)

Requested Consumptive Use: 0(gpm)

Pre-Compact/Grandfathered CU: 0

Facility Location

Street Address: SR 0858

State: PA

County: Susquehanna

Municipality: Middletown Township

Zip Code: 18818

Surface Water Withdrawal Source Information

Source Name: North Branch Wyalusing Creek

Source Type: stream

Subbasin: Upper Susquehanna

Facility Information

A water withdrawal is proposed within a meadow area with sparse trees owned by Franklin and Joan Rockefeller, and BKV Operating, LLC (BKV) has an executed option to lease the site. The site is located in Middletown Township, Susquehanna County, PA. The proposed withdrawal site includes a surface water withdrawal from North Branch Wyalusing Creek and a trailer housing the master meter and pump. North Branch Wyalusing Creek is designated as an attaining Cold-Water Fishery with migratory fish (CWF-MF) under PA Code 25 Chapter 93. The proposed withdrawal equipment includes a buried suction strainer, withdrawal pump, and master flow meter located in an above-ground trailer outside of the floodway.

Water from the withdrawal will be used for Hydrocarbon Development and Related Incidental Uses. The proposed monthly variable rated requested are show in Table 1 below. The anticipated start date for this operation is Spring, 2023 or shortly after the docket and associated permits for this site are approved.

Table 1: Monthly Withdrawal Quantities Requested

Surface Water Withdrawal from North Branch Wyalusing Creek: BKV Operating, LLC		
Month	Peak Day Withdrawal Amount (mgd) Requested	Max Instantaneous Withdrawal Rate (gpm) Requested
January	0.458	319
February	0.539	375
March	2.641	1835
April	2.731	1897
May	1.491	1036
June	0.288	201
July	0.162	113
August	0.119	83
September	0.113	79
October	0.156	109
November	0.359	249
December	0.553	384
<i>mgd – million gallons per day</i>		
<i>gpm – gallons per minute</i>		

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