



SUSQUEHANNA RIVER BASIN COMMISSION

4423 North Front Street • Harrisburg, Pennsylvania 17110-1788

Phone (717) 238-0423 • Fax (717) 238-2436

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

Surface Water Withdrawal Application Meshoppen Creek Project Summary

SRBC Pending No.: 2023-146

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: (570) 406-9979

Fax:

Mobile: (570) 406-9979

Email: HeatherMoyer@bkvcorp.com

Requested Surface Water Withdrawal Quantity

Projected Design Year: 2029

Existing Withdrawal Quantity: 2.16(mgd)

Requested Withdrawal Quantity: 2.16(mgd)

Maximum Instantaneous Withdrawal Rate: 1500(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: 604 Meshoppen Creek Road

State: PA

County: Wyoming

Municipality: Washington Township

Zip Code: 18630

Surface Water Withdrawal Source Information

Source Name: Meshoppen Creek

Source Type: stream

Subbasin: Middle Susquehanna

BKV Operating, LLC – Meshoppen Creek Surface Water Withdrawal
Existing Facility Information

The existing surface water withdrawal is on property owned by Lori Kim Williams and leased and operated by BKV Operating, LLC (BKV). The property contains meadow and sparse trees. The site is located in Washington Township, Wyoming County, PA. The withdrawal site includes an existing cylindrical submerged intake which pumps water from Meshoppen Creek, the associated pump, and a master meter. Meshoppen Creek is designated as an attaining Cold-Water Fishery with migratory fish (CWF-MF) under PA Code 25 Chapter 93.

This surface water withdrawal is currently approved under Docket No. 20190602 for up to 2,160,000 gallons per day with a maximum instantaneous withdrawal rate of up to 1,500 gallons per minute. It is used for Hydrocarbon Development, Horizontal Directional Drilling (HDD), Hydrostatic Testing, Conventional Bores, Dust Suppression, and Related Incidental Uses.

This application is a renewal with no modifications proposed. Table 1 below shows the current withdrawal amounts and rates that are being requested for renewal.

Table 1:

Surface Water Withdrawal from Meshoppen Creek: BKV Operating, LLC		
Month	Peak Day Withdrawal Amount (mgd) Requested	Maximum Instantaneous Withdrawal Rate (gpm) Requested
January	2.160	1,500
February	1.584	1,100
March	2.160	1,500
April	2.160	1,500
May	2.160	1,500
June	1.440	1,000
July	1.008	700
August	0.792	550
September	0.720	500
October	1.116	775
November	2.160	1,500
December	2.160	1,500
<i>mgd – million gallons per day</i>		
<i>gpm – gallons per minute</i>		