



## 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 Susquehanna River Project Summary

**SRBC Pending No.:** 2023-014

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:** Chesapeake Appalachia, L.L.C.

**Address:** 14 Chesapeake Lane

**State:** PA

**City:** Sayre

**Zip Code:** 18840

**Contact Person:** Carla Harris

**Title:** Sr Regulatory Analyst

**Telephone:** 570-882-7702

**Fax:**

**Mobile:** 607-731-4887

**Email:** [carla.harris@chk.com](mailto:carla.harris@chk.com)

#### Requested Surface Water Withdrawal Quantity

**Projected Design Year:** 2028

**Existing Withdrawal Quantity:** 3(mgd)

**Requested Withdrawal Quantity:** 3(mgd)

**Maximum Instantaneous Withdrawal Rate:** 2083(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:** 4868 French Asylum Road

**State:** PA

**County:** Bradford

**Municipality:** Asylum Township

**Zip Code:** 18848

### **Surface Water Withdrawal Source Information**

**Source Name:** Susquehanna River

**Source Type:** stream

**Subbasin:** Middle Susquehanna

**PROJECT FACILITY DESCRIPTION**  
**Brown Surface Water Withdrawal Application**  
**Chesapeake Appalachia, LLC**

Chesapeake Appalachia, LLC (Chesapeake) is a natural gas exploration and development company requesting a new surface water withdrawal from the Keith Brown Residence located at 4868 French Asylum Road in Asylum Township, Bradford County, Pennsylvania. Water will be withdrawn via an intake structure set in the stream channel with supports/fins that will keep the intake off of the river bed. The intake structure will be connected to a ten inch diameter rubber suction hose to withdraw water through a self-priming, trailer/skid-mounted centrifugal pump through a flow meter. Water will be conveyed to temporary storage for consumptive use at well pads in the area.

Chesapeake plans to operate the withdrawal at a rate of 3.000 million gallons per day (mgd) with a maximum instantaneous withdrawal rate of 2,083 gallons per minute (gpm). Water will be used for activities related to natural gas exploration and production including well development, well drilling, well completion, and other site related activities on an as-needed basis. The Brown surface water withdrawal will be used to supplement development operations throughout Bradford County.