



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Surface Water Withdrawal Application Susquehanna River Project Summary

**SRBC Pending No.:** 2021-148

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:** Regulatory Analyst II

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#### **Requested Surface Water Withdrawal Quantity**

**Projected Design Year:** 2027

**Existing Withdrawal Quantity:** 0.999(mgd)

**Requested Withdrawal Quantity:** 0.999(mgd)

**Maximum Instantaneous Withdrawal Rate:** 1000(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:** Leisure Drive

**State:** PA

**County:** Bradford

**Municipality:** Wysox Township

**Zip Code:** 18854

## **Surface Water Withdrawal Source Information**

**Source Name:** Susquehanna River

**Source Type:** stream

**Subbasin:** Middle Susquehanna

## **PROJECT FACILITY DESCRIPTION**

### **Susquehanna River - Wysox Surface Water Withdrawal Application Chesapeake Appalachia, LLC**

Chesapeake Appalachia, LLC (Chesapeake) is a natural gas exploration and development company requesting renewal for an existing surface water withdrawal (Wysox) from the Susquehanna River at a location off Leisure Drive in Wysox Township, Bradford County, Pennsylvania. The project is an existing and operating surface water withdrawal with an existing distribution system, previously approved under SRBC Docket Nos. 20080914, 20130304, and 20170604. Water is withdrawn via an 18-inch in diameter by 30-inch long cylindrical intake screen, flows through a 6-inch diameter flexible hose to a centrifugal intake pump, then to a series of five 16,800- gallon storage tanks. Water is pumped via a transfer pump from the storage tanks to a series of four truck filling hydrants.

Chesapeake plans to continue operation of the withdrawal at its previously approved rate of 0.999 million gallons per day (mgd) with a maximum instantaneous withdrawal rate of 1,000 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 Susquehanna River - Wysox water withdrawal will be used to supplement development operations throughout Bradford and Susquehanna Counties.