



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Sugar Creek Project Summary

SRBC Pending No.: 2022-017

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

Telephone: 570-882-7702

Fax:

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Requested Surface Water Withdrawal Quantity

Projected Design Year: 2027

Existing Withdrawal Quantity: 0.499(mgd)

Requested Withdrawal Quantity: 0.499(mgd)

Maximum Instantaneous Withdrawal Rate: 475(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: Roosevelt Highway
State: PA
County: Bradford
Municipality: Burlington Township
Zip Code: 18848

Surface Water Withdrawal Source Information

Source Name: Sugar Creek
Source Type: stream
Subbasin: Middle Susquehanna

PROJECT FACILITY DESCRIPTION

Sugar Creek – Isbell 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 (Isbell) from Sugar Creek at a location off Roosevelt Highway in Burlington 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. 20090604, 20130906, and 20170903. Water is withdrawn via a primary buried intake, flows through the screen to a submersible pump, and then to a series of five 16,800-gallon storage tanks. Water flows from the storage tanks to a series of truck filling hydrants.

Chesapeake plans to continue operation of the withdrawal at its previously approved rate of 0.499 million gallons per day (mgd) with a maximum instantaneous withdrawal rate of 475 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 Sugar Creek - Isbell water withdrawal will continue to be used to supplement development operations throughout Bradford and Susquehanna Counties.