



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 Sugar Creek Project Summary

SRBC Pending No.: 2022-130

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

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: 800(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: 24569 Highway 6
State: PA
County: Bradford
Municipality: North Towanda Township
Zip Code: 18848

Surface Water Withdrawal Source Information

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

PROJECT FACILITY DESCRIPTION

Sugar Creek (Healthy Properties) 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 (Healthy Properties) from Sugar Creek at a location off US Highway 6 in North Towanda 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. 20140602 and 20180620. Water is withdrawn via an intake structure set in the stream channel with the top flush with the stream bed, flows by gravity through the screen to a wet well, and then to a 375,000-gallon storage tank. Water flows from the storage tank to a series of 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 400-800 gallons per minute (gpm), depending on the passby limitations. 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 (Healthy Properties) withdrawal will continue to be used to supplement development operations throughout Bradford and Susquehanna Counties.