



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Cowanesque River Project Summary

SRBC Pending No.: 2023-018

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: Seneca Resources Company, LLC

Address: 51 Zents Boulevard

State: PA

City: Brookville

Zip Code: 15825-2701

Contact Person: Barbara Reinard

Title: Coordinator III, Environmental

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Requested Surface Water Withdrawal Quantity

Projected Design Year: 2028

Existing Withdrawal Quantity: 0.533(mgd)

Requested Withdrawal Quantity: 0.533(mgd)

Maximum Instantaneous Withdrawal Rate: 370(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: 8973 State Route 49

State: PA

County: Tioga

Municipality: Nelson Township

Zip Code: 16920

Surface Water Withdrawal Source Information

Source Name: Cowanesque River

Source Type: stream

Subbasin: Chemung



2.1 Project Facility Description

Seneca Resources Company, LLC (Seneca) is a natural gas exploration company requesting renewal of the approval for a surface water withdrawal of 0.533 million gallons per day (mgd) from the Cowanesque River located in Nelson Township, Tioga County, Pennsylvania. Seneca Resources Company, LLC owns and operates the existing surface water withdrawal facility, which is currently approved under Docket No. 20181210. The purpose of the project facility is to provide freshwater for hydrocarbon development and related incidental uses within the Susquehanna River Basin.

Water is withdrawn via an electric submersible pump within a buried concrete vault above the river bank when there is adequate flow in the Cowanesque River. Water is conveyed to the pump via a buried waterline from a submerged intake on the river bed. Buried waterlines then convey water from the pump through a check valve, located in an adjacent below grade valve box, to a control building approximately 1,800 feet southwest of the intake. From the control building water can be conveyed to one of two nearby impoundments. Withdrawn water is transported via trucks or waterlines from the impoundments to water storage facilities or natural gas well pads for approved consumptive use. No changes to the amount or rate of water withdrawal are proposed.