



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Tunkhannock Creek Project Summary

SRBC Pending No.: 2024-099

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: | SWN Production Company, LLC | State: | TX |
| Address: | 10000 Energy Drive | Zip Code: | 77389-4954 |
| City: | Spring | Title: | Environmental & Regulatory Manager |
| Contact Person: | Carla Suszkowski | Fax: | |
| Telephone: | (832) 796-6372 | Email: | Carla_Suszkowski@SWN.com |
| Mobile: | | | |

Requested Surface Water Withdrawal Quantity

| | |
|---|---------------|
| Projected Design Year: | 2029 |
| Existing Withdrawal Quantity: | 1.218(mgd) |
| Requested Withdrawal Quantity: | 1.218(mgd) |
| Maximum Instantaneous Withdrawal Rate: | 846(gpm) |
| Estimated Daily Operation: | 24(hours/day) |

Requested Consumptive Use Quantity - No

| | |
|--------------------------------------|--------|
| Existing Consumptive Use: | 0(mgd) |
| Requested Consumptive Use: | 0(mgd) |
| Pre-Compact/Grandfathered CU: | 0 |

Facility Location

Street Address: 8058 State Route 106

State: PA

County: Susquehanna

Municipality: Lenox Township

Zip Code: 18826

Surface Water Withdrawal Source Information

Source Name: Tunkhannock Creek

Source Type: stream

Subbasin: Middle Susquehanna



2.1 Project Facility Description

SWN Production Company, LLC is a natural gas exploration company requesting renewal of the approval for a surface water withdrawal of up to 1.218 million gallons per day (mgd) from Tunkhannock Creek located in Lenox Township, Susquehanna County, Pennsylvania. SWN Production Company, LLC owns and operates the existing surface water withdrawal facility, which is currently approved under Docket No. 20200306 and has been in operation since 2012. The purpose of the project facility is to provide freshwater for hydrocarbon development and related incidental uses within the Susquehanna River Basin.

When there is adequate flow in Tunkhannock Creek, water is withdrawn through a submerged intake screen installed on the stream bed. A centrifugal pump, located inside an enclosure approximately 100 feet east of the intake, is used to withdraw water from the stream. Water is then conveyed via buried waterline to storage tanks (frac tanks) and a booster pump station approximately 600 feet south of the intake. From the booster pump, water is conveyed via a waterline system to off-site freshwater storage and/or approved natural gas well pads for approved consumptive use. No changes to the project, or the amount or rate of water withdrawal or consumptive use are proposed.