



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Marsh Creek Project Summary

SRBC Pending No.: 2019-032

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:	5800 Corporate Drive, Suite 300		
	McCandless Corporate Center	State:	PA
City:	Pittsburgh	Zip Code:	15237
Contact Person:	Doug Kepler	Title:	Vice President, Environmental Engineering
Telephone:	(412) 548-2500	Fax:	(412) 358-0125
Mobile:		Email:	KeplerD@srex.com

Requested Surface Water Withdrawal Quantity

Projected Design Year:	2024
Existing Withdrawal Quantity:	0.499(mgd)
Requested Withdrawal Quantity:	0.499(mgd)
Maximum Instantaneous Withdrawal Rate:	347(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: 51 ZENTS BLVD

State: PA

County: Tioga

Municipality: Delmar Township

Zip Code: 15825

Surface Water Withdrawal Source Information

Source Name: Marsh Creek

Source Type: stream

Subbasin: West Branch Susquehanna



2.1 Project Facility Description

Seneca Resources Company, LLC is a natural gas exploration company requesting renewal of the approval for a surface water withdrawal of 0.499 million gallons per day (mgd) from Marsh Creek located in Delmar Township, Tioga County, Pennsylvania. Seneca Resources Company, LLC owns and operates the existing Marsh Creek surface water withdrawal facility, which is currently approved under Docket No. 20150908 and has been in operation since 2011. 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Water is withdrawn via a centrifugal pump and screened intake placed on the stream bed when there is adequate flow in Marsh Creek. Water is conveyed to frac tanks located at an adjacent water truck filling pad just southwest of the intake. Water is transported for consumptive use at approved natural gas well drilling pads via truck. No changes to the amount or rate of water withdrawal and consumptive use are proposed. An expanded gravel pad area for the truck load out pad has been constructed since the last renewal. Construction has begun on a permanent waterline from the withdrawal's truck filling pad to development area and water storage to the north of the withdrawal; construction of this waterline and associated booster pump station is planned to be completed Fall, 2019. A new make and model flow meter was installed with SRBC approval in February 2019. Minor modifications, including changes to the pump, intake screen, and screen maintenance equipment are proposed in the updated Metering Plan submitted with this renewal.