



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Meshoppen Creek Project Summary

SRBC Pending No.: 2021-079

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:	Cabot Oil & Gas Corp		
Address:	2000 Park Lane Suite 300	State:	PA
City:	Pittsburgh	Zip Code:	15275
Contact Person:	John Smelko	Title:	Mgr. - Environmental and Regulatory Compliance
Telephone:	(412) 249-3854	Fax:	(412) 249-3855
Mobile:	(412) 613-7642	Email:	SRBC.Correspondence@cabotog.com

Requested Surface Water Withdrawal Quantity

Projected Design Year:	2027
Existing Withdrawal Quantity:	1(mgd)
Requested Withdrawal Quantity:	1(mgd)
Maximum Instantaneous Withdrawal Rate:	695(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: 140 Wilson Road

State: PA

County: Wyoming

Municipality: Lemon Township

Zip Code: 18630

Surface Water Withdrawal Source Information

Source Name: Meshoppen Creek

Source Type: stream

Subbasin: Middle Susquehanna



2.1 Project Facility Description

Cabot Oil & Gas Corporation is a natural gas exploration company requesting renewal of the approval for a surface water withdrawal of 1.000 million gallons per day (mgd) from the Meshoppen Creek located in Lemon Township, Wyoming County, Pennsylvania. Cabot Oil & Gas Corporation owns and operates the existing surface water withdrawal facility, which is currently approved under Docket No. 20170302-1. 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When there is adequate flow in Meshoppen Creek, water is withdrawn via a submersible pump inside a wet vault 75 feet north of the intake in Meshoppen Creek. Water is conveyed to the vault via water line connected to a submerged intake structure in Meshoppen Creek. Withdrawn water is transported from the pump vault via water line to a 10-million-gallon freshwater storage impoundment located approximately 900 feet northwest of the intake. The impoundment supplies water to a truck fill pad 150 feet north of the intake. Water is transported from the facility via trucks for consumptive use at approved natural gas well drilling pads. No changes to the project are proposed.