



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Surface Water Withdrawal Application Fall Brook Project Summary

**SRBC Pending No.:** 2022-085

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:** REPSOL OIL & GAS USA, LLC.

**Address:** 337 DANIEL ZENKER DRIVE

**City:** HORSEHEADS

**Contact Person:** BENJAMIN YOUNKIN

**Telephone:** (607) 562-4032

**Mobile:** (607) 346-7584

**State:** NY

**Zip Code:** 14845

**Title:** SR. WATER SUPERVISOR

**Fax:** (607) 562-4001

**Email:** [byoukin@repsol.com](mailto:byoukin@repsol.com)

#### Requested Surface Water Withdrawal Quantity

**Projected Design Year:** 2027

**Existing Withdrawal Quantity:** 0.176(mgd)

**Requested Withdrawal Quantity:** 0.176(mgd)

**Maximum Instantaneous Withdrawal Rate:** 123(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:** 6130 Fall Brook Road

**State:** PA

**County:** Bradford

**Municipality:** Troy Township

**Zip Code:** 16947

## **Surface Water Withdrawal Source Information**

**Source Name:** Fall Brook

**Source Type:** stream

**Subbasin:** Middle Susquehanna



### 1.4.6 Request Variable Withdrawal Rates

The existing surface water withdrawal has SRBC-approved variable monthly withdrawal rates per Docket No. 20180610 and as summarized below. It is requested to renew the approval for these same variable monthly rates with the following conditional request.

Month	Peak Day Withdrawal (mgd)	Maximum Instantaneous Withdrawal (gpm)
January	0.072	50
February	0.072	50
March	0.163	113
April	0.176	123
May	0.092	64
June	0.072	50
July	0.072	50
August	0.072	50
September	0.072	50
October	0.072	50
November	0.072	50
December	0.072	50

mgd – million gallons per day  
gpm – gallons per minute



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## 2.1 Project Facility Description

Repsol Oil & Gas USA, LLC is a natural gas exploration company requesting renewal of the approval for a surface water withdrawal of up to 0.176 million gallons per day (mgd) from Fall Brook located in Troy Township, Bradford County, Pennsylvania. Repsol Oil & Gas USA, LLC owns and operates the existing surface water withdrawal facility, which is currently approved under Docket No. 20180610, and which has been in operation since 2010. 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 Fall Brook, water is withdrawn via a centrifugal pump connected to a submerged intake installed on the surface of the stream bed. Water is conveyed from the intake via a buried waterline to the withdrawal pump located on a pump pad approximately 230 feet southwest of the intake. Withdrawn water is transported from the pump pad via a buried waterline to a 10-million-gallon freshwater storage impoundment located approximately 420 feet south of the pump pad. Water from the impoundment is primarily transported via buried waterlines to other impoundments in Repsol's water distribution and storage network and to approved natural gas well drilling pads for consumptive use. Occasional trucking of water from the impoundment is conducted as needed. No changes to the project are proposed.