



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Surface Water Withdrawal Application Fall Brook Project Summary

**SRBC Pending No.:** 2022-081

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:** 0.999(mgd)

**Requested Withdrawal Quantity:** 0.999(mgd)

**Maximum Instantaneous Withdrawal Rate:** 700(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:** River Road  
**State:** PA  
**County:** Tioga  
**Municipality:** Ward Township  
**Zip Code:** 16912

### **Surface Water Withdrawal Source Information**

**Source Name:** Fall Brook  
**Source Type:** stream  
**Subbasin:** Chemung



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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 0.999 million gallons per day (mgd) from Fall Brook located in Ward Township, Tioga County, Pennsylvania. Repsol Oil & Gas USA, LLC owns and operates the existing surface water withdrawal facility, which is currently approved under Docket No. 20180303, and which has been in operation since 2009. 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When there is adequate flow in Fall Brook, water is withdrawn via a vertical turbine pump in a wet well above the stream bank. Water is conveyed to the wet well from a submerged intake structure on the stream bed. An on-site passive intake and weir system is used to monitor stream flow and control withdrawal rates so that streamflow protection rates are maintained. Withdrawn water is transported via a buried waterline to a freshwater storage impoundment located approximately one mile southeast of the intake. Water from the impoundment is later transported to other impoundments in Repsol's water distribution and storage network and to approved natural gas well drilling pads for consumptive use. No changes to the project are proposed.

As part of this renewal application, Repsol requests that SRBC Policy No. 2021-04 titled *Fee Incentives for Withdrawal and Consumptive Use of AMD Impacted Waters and Treated Wastewater* be considered for this project. Additional information for this request is provided in the application.