



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Fellows Creek Project Summary

SRBC Pending No.: 2022-082

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: byounkin@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: Long Ridge Lane

State: PA

County: Tioga

Municipality: Ward Township

Zip Code: 17724

Surface Water Withdrawal Source Information

Source Name: Fellows Creek

Source Type: stream

Subbasin: Chemung



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 Fellows Creek 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. 20180304, 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When there is adequate flow in Fellows Creek, water is withdrawn via two withdrawal pumps connected to a suction line in a wet well above the stream bank. Water is conveyed to the wet well from a submerged intake structure on the stream bed. The withdrawal pumps are located on an equipment pad approximately 40 feet southwest of the intake. 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 Withdrawn water is transported via a buried waterline to a freshwater storage impoundment located approximately one mile west of the intake.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.