



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Choconut Creek Project Summary

SRBC Pending No.: 2022-035

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

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: 694(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: 26815 State Route 267

State: PA

County: Susquehanna

Municipality: Choconut Township

Zip Code: 18818

Surface Water Withdrawal Source Information

Source Name: Choconut Creek

Source Type: stream

Subbasin: Upper Susquehanna



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 Choconut Creek located in Choconut Township, Susquehanna County, Pennsylvania. Repsol Oil & Gas USA, LLC owns and operates the existing surface water withdrawal facility, which is currently approved under Docket No. 20171206, and which has been in operation since 2013. 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When there is adequate flow in Choconut Creek, water is withdrawn via a submersible pump in a wet well above the stream bank. Water is conveyed to the wet well from an intake structure buried beneath the stream bed. Withdrawn water is transported via a buried water line to a 15.9-million-gallon freshwater storage impoundment located approximately 700 feet east of the intake. The impoundment supplies water to truck fill hydrants on the west side of the impoundment. Water is transported from the facility via trucks and a buried waterline connection to the nearby Ayres impoundment, located approximately 4.5 miles to the west, for consumptive use at approved natural gas well drilling pads. No changes to the project are proposed.