



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Surface Water Withdrawal Application Sugar Creek Project Summary

**SRBC Pending No.: 2024-103**

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

**State:** NY

**City:** Horseheads

**Zip Code:** 14845

**Contact Person:** Dena Perritt

**Title:** Water Analyst

**Telephone:** (607) 302-2384

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**Mobile:** (607) 302-2384

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

#### Requested Surface Water Withdrawal Quantity

**Projected Design Year:** 2029

**Existing Withdrawal Quantity:** 0(mgd)

**Requested Withdrawal Quantity:** 0.75(mgd)

**Maximum Instantaneous Withdrawal Rate:** 521(gpm)

**Estimated Daily Operation:** 24(hours/day)

#### Requested Consumptive Use Quantity - No

**Existing Consumptive Use:** 0(mgd)

**Requested Consumptive Use:** 0(mgd)

**Pre-Compact/Grandfathered CU:** 0

#### Facility Location

**Street Address:** 239 Longs Pond Drive

**State:** PA

**County:** Bradford

**Municipality:** Troy Township

**Zip Code:** 16947

## **Surface Water Withdrawal Source Information**

**Source Name:** Sugar Creek

**Source Type:** stream

**Subbasin:** Middle Susquehanna



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## 2.1 Project Facility Description

Repsol Oil & Gas USA, LLC is a natural gas exploration company requesting approval for a surface water withdrawal of up to 0.750 million gallons per day (mgd) from Sugar Creek located in Troy Township, Bradford County, Pennsylvania. The purpose of the project facility is to provide freshwater for hydrocarbon development and related incidental uses within the Susquehanna River Basin. Repsol Oil & Gas USA, LLC plans to construct and operate the withdrawal following regulatory approvals.

Water will be withdrawn when there is adequate flow in Sugar Creek. A pump above the stream bank connected to a submerged intake on the stream bed will withdraw and convey water from the withdrawal via water lines. Water will go to a booster pump station on a nearby natural gas well pad to the north. An intermediate booster pump along the waterline route to the well pad will be used as needed. From the booster pump on the pad, water will be distributed to impoundments and/or other natural gas well pads via waterline systems for consumptive use.