



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application West Branch Susquehanna River Project Summary

SRBC Pending No.: 2021-013

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: ARD Operating, LLC.

Address: 33 West 3rd Street

Suite 300

State: PA

City: Williamsport

Zip Code: 17701

Contact Person: Stephen Barondeau

Title: Staff Regulatory Analyst

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Requested Surface Water Withdrawal Quantity

Projected Design Year: 2027

Existing Withdrawal Quantity: 1.5(mgd)

Requested Increase in Withdrawal Quantity: 0(mgd)

Maximum Instantaneous Withdrawal Rate: 1042(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: Susquehanna Drive

State: PA

County: Lycoming

Municipality: Piatt Township

Zip Code: 17740

Surface Water Withdrawal Source Information

Source Name: West Branch Susquehanna River

Source Type: stream

Subbasin: West Branch Susquehanna



2.1 Project Facility Description

ARD Operating, LLC is a natural gas exploration company requesting a modification of an existing approval (Docket No. 20120601) for the existing surface water withdrawal of 1.5000 million gallons per day (mgd) from West Branch Susquehanna River located in Piatt Township, Lycoming County, Pennsylvania. ARD Operating, LLC is requesting to modify the flow protection rates to be in accordance with the Susquehanna River Basin Commission (SRBC) Low Flow Protection Policy No. 2012-01 and its associated technical guidance. The currently approved flow protection rates were developed prior to implementation of the current SRBC Low Flow Protection Policy. No other changes to the project, the amount or rate of the water withdrawal, or the water use, are proposed.

ARD Operating, LLC owns and operates the existing surface water withdrawal facility, which has been in operation since 2012. 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 When there is adequate flow in West Branch Susquehanna River, water is withdrawn via two submersible pumps, each within two adjacent submerged intake structures below the riverbed. Withdrawn water is then conveyed via buried waterlines to a pump building located approximately 750 feet north of the intake. Water from the pump building is conveyed to impoundments and/or well pads via existing water line extending to the north.