



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Surface Water Withdrawal Application Pine Creek Project Summary

**SRBC Pending No.:** 2018-120

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:** 500 Dallas St.

Suite 2700

**State:** TX

**City:** Houston

**Zip Code:** 77002

**Contact Person:** Stephen Barondeau

**Title:** Staff Regulatory Analyst

**Telephone:** (570) 979-1218

**Fax:** (570) 320-2891

**Mobile:**

**Email:** SBarondeau@alta-resources.com

#### **Requested Surface Water Withdrawal Quantity**

**Projected Design Year:** 2023

**Existing Withdrawal Quantity:** 1.5(mgd)

**Requested Withdrawal Quantity:** 1.5(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:** Route 414  
**State:** PA  
**County:** Lycoming  
**Municipality:** McHenry Township  
**Zip Code:** 17745

## **Surface Water Withdrawal Source Information**

**Source Name:** Pine Creek  
**Source Type:** stream  
**Subbasin:** West Branch Susquehanna



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## 2.1 Project Facility Description

ARD Operating, LLC is a natural gas exploration company requesting renewal of the approval for a surface water withdrawal of 1.500 million gallons per day (mgd) from Pine Creek located in McHenry Township, Lycoming County, Pennsylvania. ARD Operating, LLC owns and operates the existing surface water withdrawal facility, which is currently approved under Docket No. 20150601 and has been in operation since 2011. 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When there is adequate flow in Pine Creek, water is withdrawn via two submersible pumps, each within two adjacent submerged intake structures below the stream bed. Withdrawn water is then conveyed via buried waterlines to a pump building located approximately 1,000 feet southwest of the intake. From the pump building, water is distributed via existing permanent waterlines to a series of freshwater storage impoundments. Water is distributed for consumptive use to approved natural gas well drilling pads using over 21.5 miles of permanent buried freshwater pipeline, with additional temporary above-ground pipelines utilized as needed for distal operations. No changes to the project, or to the amount or rate of the water withdrawal, or the water use, are proposed.