



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Antrim No. 1 Mine Discharge & Consumptive Use Application Project Summary

SRBC Pending No.: 2021-045

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: Hydro Recovery, LP

Address: 196 Landfill Lane

State: PA

City: Wellsboro

Zip Code: 16901

Contact Person: Harold Mathews, II **Title:** Antrim Plant Manager

Telephone: (570) 404-1816

Fax:

Mobile: (570) 404-1816

Email: hmathews@keystoneclear.net

Requested Surface Water Withdrawal Quantity

Projected Design Year: 1.872

Existing Withdrawal Quantity: 1.872(mgd)

Requested Withdrawal Quantity: 1.872(mgd)

Maximum Instantaneous Withdrawal Rate: 1300(gpm)

Estimated Daily Operation: 24(hours/day)

Requested Consumptive Use Quantity - Yes

Existing Consumptive Use: 1.872(mgd)

Requested Consumptive Use: 1.872(gpm)

Pre-Compact/Grandfathered CU: 0

Facility Location

Street Address: 196 Landfill Lane
State: PA
County: Tioga
Municipality: Duncan Township
Zip Code: 16901

Surface Water Withdrawal Source Information

Source Name: Antrim No. 1 Mine Discharge
Source Type: otherDischarge from the Antrim No. 1 Mine
Subbasin: West Branch Susquehanna

**Hydro Recovery – Antrim, LP
Duncan Township, Tioga County, Pennsylvania**

Project Facility Information

The Hydro Recovery – Antrim, LP facility will be operated to treat flowback and produced water for reuse in the development of natural gas wells and other related incidental uses. The facility will utilize acidic mine drainage (AMD) water from the Antrim No.1 Mine Discharge and the Backswitch Mine Discharge as sources for the treatment process and blending. In addition, the facility will sell bulk untreated and treated AMD water. In so doing, the facility will be creating a “product” for reuse by the natural gas industry.

This Surface Water Withdrawal and Consumptive Use Application is for two water sources previously approved under Docket No. 20090902-1 for a total withdrawal of 1.872 million gallons per day (MGD). The Antrim No. 1 Mine Discharge withdrawal was originally approved on September 9, 2009 for 0.720 MGD and modified on September 20, 2012 to add the Backswitch Mine Discharge and to increase the total withdrawal amount to 1.872 MGD. On March 21, 2013, Docket No. 20090902-1 was modified to include consumptive use in the amount of 1.872 MGD. Withdrawal and Consumptive Use metering are described in a metering plan prepared by Hawbaker Engineering, dated August 8, 2012 and the schematic included under Section 5.6.4 of this application.