



SUSQUEHANNA RIVER BASIN COMMISSION

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Web <http://www.srbc.net>

Consumptive Use Application Summary

Source Name: CES Consumptive Use

SRBC Pending No.: 2021-094

This summary is only a portion of the application materials and is meant to provide general information about the proposed project.

1.0 Application Background

This section requests pertinent information related to the application that is being submitted.

1.1 Project Sponsor

Company Name: Commonwealth Environmental Systems L.P.

Mailing Address Line 1: 99 Commonwealth Road

Mailing Address Line 2:

City: Hegins

State: PA

ZIP Code: 17938

Contact Person:

First Name: James

Last Name: Eiden

Title: Compliance Manager

Telephone: (570) 343-5782

Fax:

Mobile:

E-mail: jime@kslco.com

1.4 Requested Consumptive Use Quantity:

The consumptive use should be entered in million gallons per day (mgd) and rounded up to the nearest one thousand gallons (three decimal places). For multiple sources, provide the total quantity for existing and proposed consumptive use, as applicable.

1.4.1 Projected Design Year:

2037

1.4.2 Existing Consumptive Use

0.15(mgd)

1.4.3 Projected Consumptive Use

0.15(mgd)

2.3 Facility Location

Please enter the address of the parcel where the Project Facility is located.

Street Address: 99 Commonwealth Road
State: PA
County: Schuylkill
Municipality: Hegins Township
Zip Code: 17938

Commonwealth Environmental Systems, L.P.

Renewal Application Project Description

Wells 1 and 2 are currently used groundwater sources at the Commonwealth Environmental Systems' (CES) landfill. The CES landfill is located in Foster, Frailey and Reilly Townships, Schuylkill County, Pennsylvania. The current Docket (20070304-1) allows for up to 0.150 mgd of total consumptive use, groundwater withdrawals of 0.090 mgd (30-day average) with an instantaneous rate of production of 625 gpm for Well 1, and a groundwater withdrawal of 0.010 mgd (30-day average) with an instantaneous rate of production of 175 gpd. No consumptive water use or withdrawal increases are requested at this time.

CES has been in continuous operation since 1997. PADEP has issued several 10-year operating permit renewals since that time, with the current operating permit expiring January 31, 2027, at which time a permit renewal application will be submitted to PADEP. The original CES docket was approved on March 14, 2007, Docket No. 20070304, and modified at the request of the landfill on June 12, 2008, Docket No. 20070304-1, to its current conditions. Commonwealth Environmental Systems' landfill consumptively uses truck and tire washing, road washing, dust suppression on roads and the stone crushing facility, and non-portal uses in the administration, leachate treatment plant, maintenance garage and guard house buildings.

Both wells are currently metered and water level indicators have been installed in each well. As per the Revised Metering Plan and Flow Meter Calibrations Approval, dated September 23, 2014, effluent from the reverse osmosis leachate treatment system, also utilized for dust suppression and pavement washing, is monitored for consumption by the number of 10,000 gallon water trucks used. Leachate Treatment Plant effluent, when not use for dust control or pavement washing, is conveyed to Middle Creek as per the NPDES permit. The crushing system is not metered but water delivered to the crusher via tanker truck is recorded in the truck log.