

**REPORT OF THE ENGINEERING COMMITTEE
TO THE
KANSAS-NEBRASKA BIG BLUE RIVER COMPACT ADMINISTRATION**

May 13, 2021

The engineering committee was not given any special assignments from the Compact Administration and did not meet during the past year. The United States Geological Survey (USGS) and the Lower Big Blue Natural Resources District (LBBNRD) provided the 2020 data for this report.

Review of Streamflow Data

The Compact sets forth the following streamflow targets at the stateline gaging stations:

	Big Blue River	Little Blue River
May	45 cfs	45 cfs
June	45 cfs	45 cfs
July	80 cfs	75 cfs
August	90 cfs	80 cfs
September	65 cfs	60 cfs

During the May through September time period of the 2020 water year (October 1, 2019 through September 30, 2020) there were no shortages for Compact target flows. The mean daily streamflow at the Barneston gage on the Big Blue River (Exhibit A) and the Hollenberg gage (Exhibit B) on the Little Blue River exceeded target flows throughout the year.

Real-time and historical data for these gaging stations can be found at the following websites:

Big Blue River – http://waterdata.usgs.gov/ne/nwis/uv/?site_no=06882000

Little Blue River – http://waterdata.usgs.gov/ne/nwis/uv/?site_no=06884025

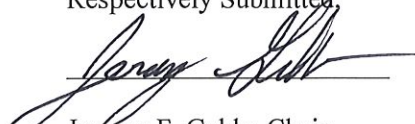
Review of Groundwater Data

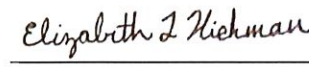
The Lower Big Blue Natural Resources District provided the groundwater levels (Exhibit C) for the Big Blue Basin near Beatrice.

Review of Wells in the Regulatory Reaches

Exhibit D is a listing of the active irrigation wells within the regulatory reaches. There were no new wells drilled in the Big Blue River regulatory area and no new wells drilled in the Little Blue River regulatory area during this reporting period.

Respectively Submitted,


Jeremy F. Gehle, Chair
Nebraska


Elizabeth Hickman
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