

KDA-DWR Report

Official Review of a Water Conservation Area (WCA)

Wheatland Electric WCA; Finney County, KS

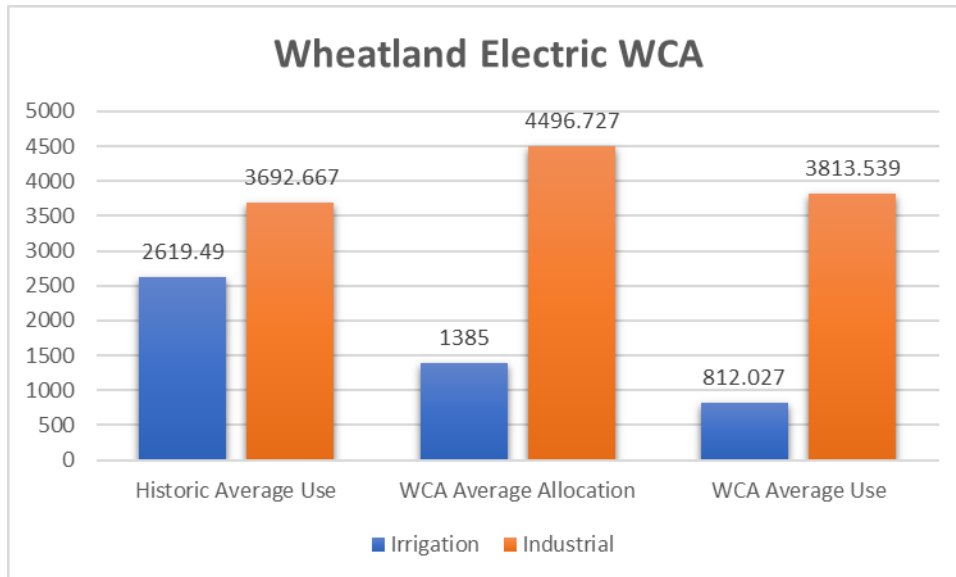
January 2018 through December 2022

Review of Total Water Use of Water Rights Enrolled:

During the term of this WCA, water use was limited to 29,408.635 acre-feet (AF) for Irrigation and Industrial use. The total water use reported annually, under the listed water rights, during the term of this WCA are as follows:

2018 Water Use (AF)	2019 Water Use (AF)	2020 Water Use (AF)	2021 Water Use (AF)	2022 Water Use (AF)	Total WCA Water Use (AF)	Unused WCA Water Allocation (AF)	Total WCA Limit (AF)
5,292.574	3,817.426	4,727.115	4,705.273	4,585.447	23,127.83	6,280.8	29,408.635

The total average use during this WCA was 4,625.56 acre-feet.



Review of Corrective Control Provisions:

This WCA had 23 Irrigation wells and 14 Industrial wells within its geographic boundaries which were used for irrigation purposes. No irrigation well exceeded its authorized quantity.

As of the end of the 2022 calendar year, no adverse impacts have been noted and no concerns were received from nearby well/landowners.

Review of Compliance Monitoring and Enforcement:

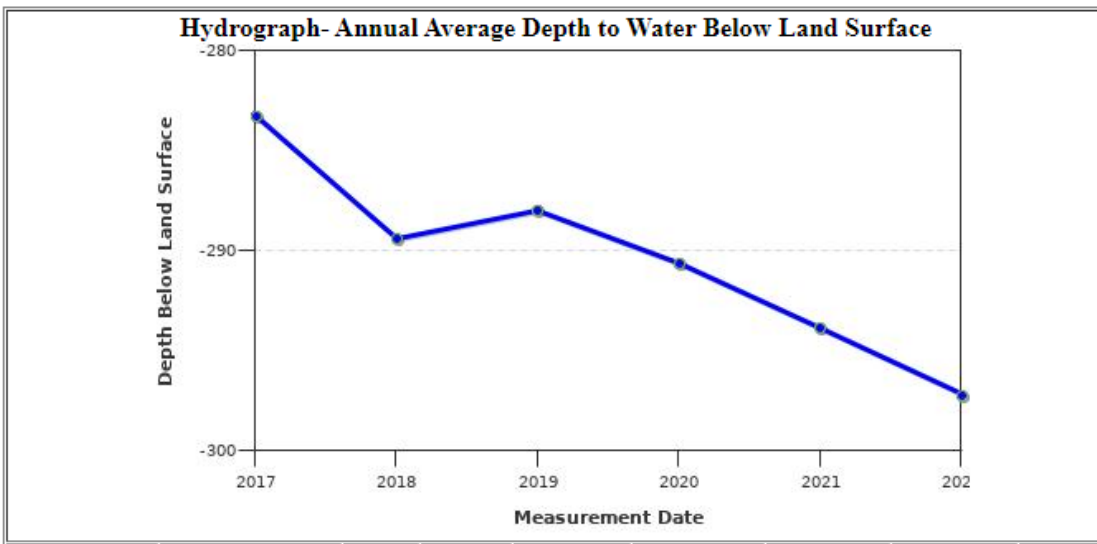
During the period of this WCA, there were no compliance or enforcement issues relating to the water rights and corrective controls of the management plan.

Review of Water Level Changes:

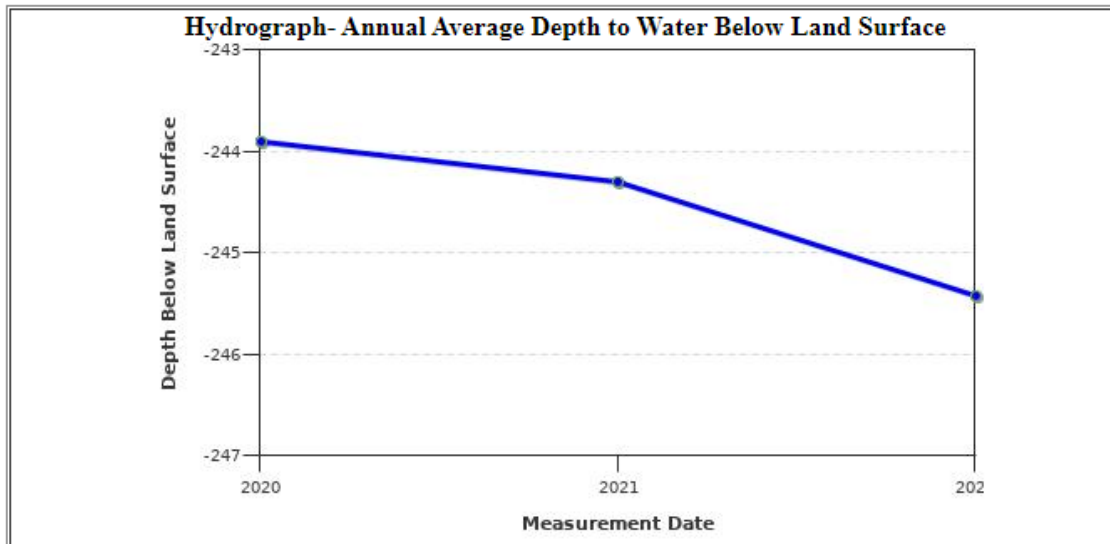
Below are the nearby observation wells documented in the management plan. Note that the measurements were taken in early calendar year months. Outliers measured outside of this time range are labeled with the month they were measured.

Location: 26S 34W 03BBD 01

Note that depth to water is feet below land surface and all measurements for the well are included.



Location: 26S 34W 17DDB 01



Review of Economic Impacts:

No official economic reports have been published at this time.

Review of Public Interest:

The WCA has conserved water, thereby extending the useable life of the Ogallala Aquifer in the Regional area and serving the public interest.

Summary of Review by KDA-DWR:

It is determined that this WCA has met its goals throughout the designated term. This WCA conserved over 20% of its WCA allocation; thereby saving water beyond the agreed original WCA reduction. The owners of this WCA met all requirements of the WCA Consent Agreement and Order. In summary, we see no need to deny a request from the owner(s), should they request another WCA for another term.