

Water Conservation Area (WCA) Official Review

Review of the Consent Agreement and Order Designating a WCA

Big D Farms WCA; Finney County, KS

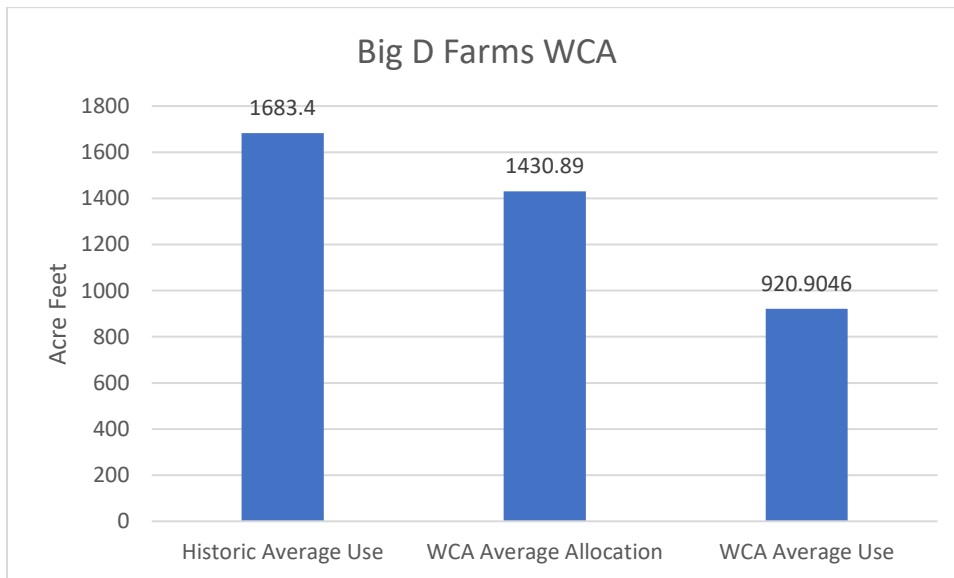
January 2017 through December 2021

Review of Total Water Use of Water Rights Enrolled:

During the term of this WCA, water use was limited to 7154.450 acre-feet (AF) for irrigation use. The total water use reported annually, under the listed water rights, during the term of this WCA are as follows:

2017 Water Use (AF)	2018 Water Use (AF)	2019 Water Use (AF)	2020 Water Use (AF)	2021 Water Use (AF)	Total WCA Water Use (AF)	Unused WCA Water Allocation (AF)	Total WCA Limit (AF)
648.173	479	1022	1435	1020.35	4604.523	2549.927	7154.450

The total average use during this WCA was 920.9046 acre-feet.



Review of Corrective Control Provisions:

This WCA had fourteen irrigation wells within its geographic boundaries which were used for irrigation purposes. No flexibilities were requested except for a multi-year allocation.

As of the end of the 2021 calendar year, no adverse impacts have been noted and no concerns were received from nearby well/landowners.

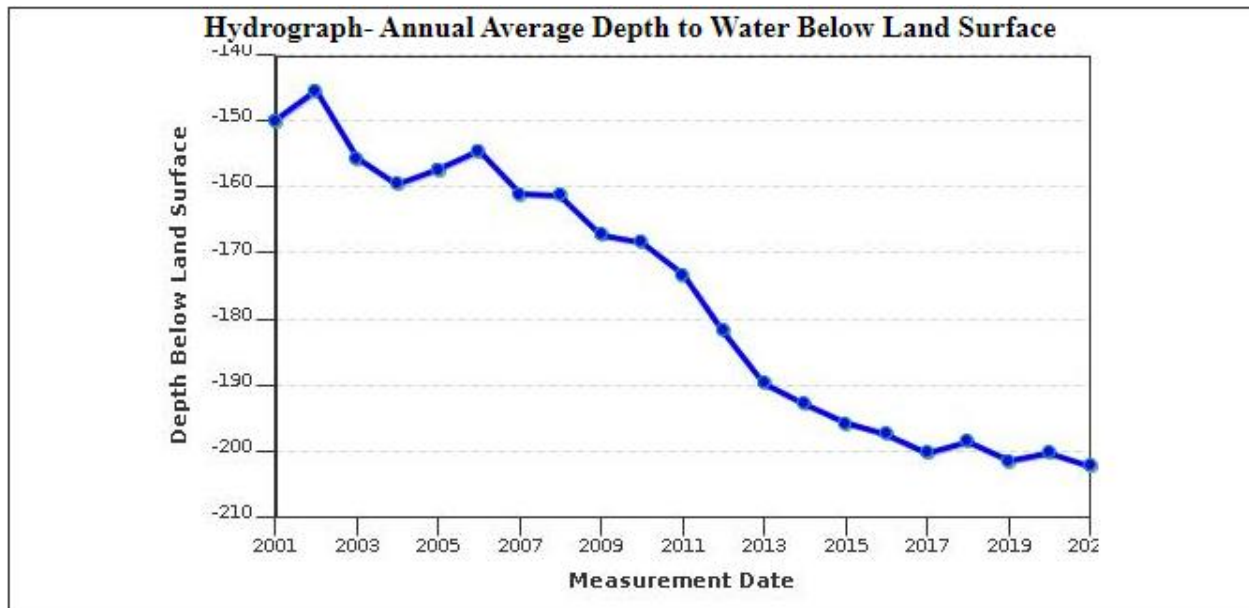
Review of Compliance Monitoring and Enforcement:

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 the early calendar year months. Outliers measured outside of this time range are labeled with the month they were measured.

Location:
23S-34W-10ACB 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 30% 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.