

Laramie County Control Area Groundwater Plan
Submitted by: Laramie County Conservation District

Well spacing requirements:

- For wells completed within the High Plains aquifer system.
 - No more than one domestic and/ or stock well per 10 acres. These wells will have a maximum volumetric quantity of 1 acre foot of water per calendar year.
 - No more than one miscellaneous use well per 20 acres. These wells will have a maximum volumetric quantity of 2 acre feet of water per calendar year.
- All other wells will be completed in the Lance/ Fox Hills or other deeper formations and have a horizontal spacing of one well per section.
- Municipal wells will be exempt from these restrictions. Permits for municipal wells will be determined by the State Engineer with advice from the Groundwater Control Area Advisory Board.

Irrigation Wells

- No center pivot irrigation system will be allowed to operate using an end gun or any nozzle that allows the water to spray above the tower height of the center pivot irrigation system.

Coordination

- Local and State Officials will work with State and Federal Agencies to facilitate a buyout of large capacity wells completed in the High Plains Aquifer. These groups will focus on areas with the greatest drawdown within the control area. The goal of this program will be to reduce irrigated acres by 10% to help stabilize the aquifer.

Monitoring

- Laramie County Conservation District will implement a program to monitor groundwater usage for irrigation. This information will be shared with the State Engineer's Office to improve modeling and decision making within the control area.

Term

- This agreement will remain in effect for 10 years after the effective date, at which time it will be reviewed for changes.