



3/30/2023

RE: WSF 2023 Annual Report #10035

The Lewis & Clark NRD, on behalf of the Cedar Knox Rural Water Project, appreciates the opportunities provided by the funding from the Nebraska Water Sustainability Fund program.

As referenced in the application, CKRWP is working to change its water source from surface water to groundwater as well as build a new treatment plant and upgrade portions of the distribution system. Much of the planning over this last year is nearing completion. Desktop evaluations have been performed by geohydrologists and drilling sites have been identified for observation wells and test wells. Engineering design plans for the distribution upgrades are 80% complete and nearly ready for review from NDEE.

This year, beginning in April, test holes, observation wells, and a small test well will be installed. This work will determine the design and capacity of a large-diameter test/production well at both wellfield sites. It is assumed that the large-diameter wells will be installed, and test pumped this year. The results of the test pump will aid in the design of the treatment plant as it will be configured around the water quality. Upon NDEE approval of the distribution system upgrades, that portion of the project can then be put out for bids. Pending material and contractor availability, construction could start late summer or early fall.

This project is key to bringing CKRWP back to compliance with EPA's Safe Drinking Water Act. CKRWP is currently under Administrative Order for the disinfection by-product Total Tri-halomethane, which occurs when chlorine reacts with organics in the source water. Changing the source, from surface water to ground water, will greatly reduce the organics, thus reducing disinfection by-products and creating a much safer and healthier product for customers now and long into the future.

Thank you again for this opportunity.

Sincerely,

A handwritten signature in blue ink that reads "Scott Fiedler".

Scott Fiedler  
Project Manager  
Cedar Knox Rural Water Project

608 N ROBINSON AVE ~ PO BOX 518 ~ Hartington NE 68739-0518  
PHONE (402) 254-6758