



Rural Development • Community Programs • Water and Environmental Programs

New Lagoon in the Village of Dunning

In 2009, the Village of Dunning received a Notice of Violation from the Nebraska Department of Environmental Quality because its lagoon had insufficient liquid levels. This was due to the age of the system. The collection system was installed in the mid 1970s as part of the original construction. Televising in 2010 identified 11 instances of groundwater infiltration, 10 areas where the pipe sagged, and five places with cracked clay pipe and broken pipe. One of the lagoon’s two-pump unit had been inoperable for years, with the remaining unit being unreliable.



The newly constructed lagoon.

There was no water being retained in either of the lagoons, and neither appeared to have held water for some time. The west cell of the lagoon was unused for several years, so that seal had been damaged by vegetation growth.

Funding from USDA Rural Development provided for the repair of the collection system; replacement of the wastewater lift station pumps, controls and motors; construction of a new 4.9 acre wastewater lagoon; and the installation of 60 new water meters, as the Village did not have any.

As a result of this project, residents in the Village of Dunning obtained a reliable wastewater system and 60 water meters that will work towards water conservation.

Obligation Amount:	Loan: \$270,000, \$60,000, and \$30,000	Grants: \$563,000
Date of Obligation:	July 5, 2011, May 30, 2013, and September 24, 2012	
Congressional District:	Representative Smith, District 3; US Senator Deb Fischer and US Senator Ben Sasse	
Partners:	N/A	
Demographics:	Village of Dunning residents.	
Impact:	A functional wastewater system that meets requirements and the installation of water meters.	