

## PERALTA REGIONAL SANITARY SEWER PROJECT

**STATE PROGRAM:** New Mexico Environment Department

**ASSISTANCE RECIPIENT:** The Town of Peralta

**ASSISTANCE AMOUNT:** \$3M



### PROJECT DESCRIPTION

The small Town of Peralta had no wastewater collection or treatment system, and individual homes were using aging septic systems that were not properly maintained. Many shallow domestic wells were densely located among these septic systems, which created a risk of high drinking water contamination. To begin planning and design for their sewer system, Peralta entered into a Memorandum of Understanding with the neighboring Town of Bosque Farms to allow Peralta to connect to their sewer system and wastewater treatment plant (WWTP), as Bosque Farms had the capacity to treat additional flow. A traditional gravity sewer collection system with sewer lift stations would not work due to the shallow groundwater depth and narrow right-of-ways, so the new regional sanitary sewer collection system will use a low-pressure grinder pump system. This low-pressure system will allow two six-inch diameter collection lines to be installed at a constant depth of three to four feet below finished grade. This intermunicipal agreement demonstrates cooperative planning to address significant public health concerns for local community members. This project was financed with a \$3 million loan from the New Mexico Environment Department.

To read more about this case study, please visit [https://www.epa.gov/sites/default/files/2019-11/documents/pisces\\_2019\\_compendium.pdf](https://www.epa.gov/sites/default/files/2019-11/documents/pisces_2019_compendium.pdf).