

Regional System Spotlight:

Southwest Regional Water District

Water Supply: 1.45 MGD is available from the cities of Red Oak and Clarinda by water purchase agreements. SWRWD owns four test well sites in the Dakota Sandstone Aquifer in central Montgomery County with plans to construct a 750 GPM production well in two years. This will increase the groundwater supply to 1.2 MGD and the overall GPD capacity to 2.2 MGD. Current peak day demand is 930,000 GPD.

System Pressure Zones: There are four different pressure zones: E. Area pumps water from Clarinda at a rate of 770 GPM to a 500,000 Gallon elevated tank located two miles west of Clarinda. N. Area pumps water from Red Oak at a rate of 450 GPM to a 500,000 Gallon elevated tank located 1.5 miles east of Red Oak. W. Area pumps water from Red Oak at a rate of 250 GPM to a 300,000 Gallon elevated tank located two miles east of Shenandoah. S.E. Area control valve pressure from E. Area at a rate of 60 GPM to a 50,000 Gallon tank located 2.5 miles north of Braddyville.

Rural Rate Customers: SWRWD has 1,982 meter box services in the system. Future expansion plans are to add 70 new meters.



Rural Communities: SWRWD currently serves 10 towns in Iowa and two in Missouri under a franchise agreement or bulk supply contract. SWRWD provides contracted RW service in Missouri.

Miles of Pipe: Based on June 2016 electronic as-built quantities there are 920 miles of water line in the SWRWD system. Water main sizes range from 2" to 14" in diameter.





Wastewater Service: SWRWD provides WW septic tank with sand filter bed treatment to the Viking Lake Village located on the west side of the Viking Lake State Park.

Established Date: S.W. Regional Water District formerly known as Page I Rural Water was incorporated in 1973. Engineering design for the first project was completed in 1978 and construction of the first system was completed in 1980. Several system expansion projects have been built the past 25 years. In 2008 the District changed its name to Southwest Regional Water District to better define its regional service area.

SWRWD Employees: There are eight full-time staff personnel. Management and Operations include Kevin Gowing Manager., Dave Cash W.T.Q. operator Jeremy Fastenau W.D.operator, Jacob Walters I.O.C. operator, and Matt Corey maintenance. Office – AMR Program include Tasha Worl Manager, Alisha Irvin Assistant, and Kristen Hayes AMR.

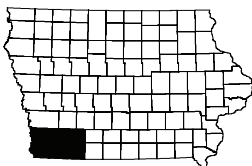
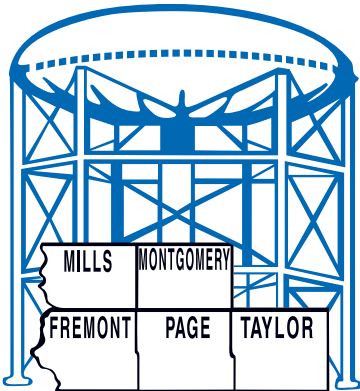
SWRWD Board There are seven Board Members to represent the southwest Iowa area. President Brian Herzberg, Vice Pres. John Whipple, Secretary/Treasurer, Steve Carlson, Mike Barr, Lee Brooke, Kim Gotschall, and Chris Vanderholm.

News - Updates - Project Development in 2017

This past year SWRWD paid off the first USDA rural water system construction loan. This \$4.5 million dollar loan was refinanced to a lower interest rate which expedited the payoff. Total interest and principal payments in 38 years came to \$10.3 million dollars. A loan mortgage burning celebration event was held on July 6th of this year. Thanks Kim for the home- made ice cream!

For the last 18 months SWRWD has consulted with engineers and Iowa DNR, and hired well drillers to investigate the future potential of a quality ground water supply for SWRWD in the Dakota sandstone in Montgomery County.

Successful core drilling for sandstone thickness followed by construction of the test wells has provided enough information to proceed with engineering design for the first high capacity production well. This additional water supply will allow for future expansion of new customers and territory along with enhancing the SWRWD water supply options to improve future water quality. 🇺🇸



Legend

- ★ Business Office
- Southwest Regional Water District
- Interstate
- US Highway
- County

