



Engineering
America

TANKS

**Two Solid Companies With
One Successful Outcome!**



PUMPS



Great Things Flow Together With Engineering America and Dakota Pump Inc.

CASE STUDY

“3 Engineering America Aquastore tanks along with 3 Dakota Pump Inc. Booster Stations were installed on our North Core Phase I Project in 2005. Previous to the 2005 North Core Project, WR/LJ had installed 9 Engineering America Aquastore tanks and 10 Dakota Pump Inc. Booster Stations. We appreciate the high quality, dependable, long lasting and affordable products provided, as well as the first-rate people we’ve worked with along the way.”

Jake Fitzgerald
Manager, WR/LJ Rural Water – Murdo, SD

Bringing Water to Fort Pierre, South Dakota

Installed: 2005
Consultant: DeWild Grant Reckert
Tank Type: Three Aquastore® Glass-Fused-to-Steel Reservoirs
Tank 1 Size: 36' Diameter X 42' High, 327,000 Gallons
Tank 2 Size: 31' Diameter X 38' High, 209,000 Gallons
Tank 3 Size: 50' Diameter X 38' High, 560,000 Gallons
Pump Type: Three Dakota Pump Inc. Modular Pump Stations
Contractor: Engineering America
Condition: Excellent



WR/LJ Rural Water, in the small South Dakota community of Murdo, near Fort Pierre, is physically one of the largest rural water systems in South Dakota. Together, the DeWild Grant Reckert team set out to handle the design task of expanding the 2500+ connections currently supplied by WR/LJ RW. Under normal circumstances, one believes rural water is solely for clean, safe domestic water – but not entirely in this case. WR/LJ has multiple connections that are for domestic usage that also provide safe drinking water for livestock in the plains of South Dakota.

TANK RESERVOIRS: Engineering America of Oakdale, MN, supplied and constructed three reservoir tanks, along with the setting of the booster stations, necessary site work to connect the two entities and making provisions for connection of the pipeline. The bolted steel rather than welded steel makes a positive impact on construction. The tanks have a glass-fused-to-steel coating that is a single, strong, integrated porcelain enamel and steel material fused together at over 1500°. It is an inert, inorganic coating that never needs painting, which dramatically reduces life-cycle costs and has a 60-year proven track record.

PUMPING STATIONS: Dakota Pump Inc. of Mitchell, SD, supplied and delivered three DPI-packaged modular booster pump stations consisting of 18 total Goulds vertical turbine pumps. All pumps within the three BPSs are powered by variable frequency drives, which receive control signals from the local telemetry system. DPI-packaged booster stations were chosen on this project for their high quality of construction, cost effectiveness, and short construction timeframe.



At Engineering America We Are Building Success One Tank at a Time

Engineering America’s commitment to providing our customers with superior tanks, utilizing proven practices, gives them the cost effective results they need. The expertise of Dakota Pump Inc. is a critical component of the success of your project.

Since the 1950’s, Dakota Pump Inc. has provided a wide range of customers with the highest quality packaged pumping equipment, parts and service in the industry. As recognized leaders in pump station design, manufacturing, performance and innovation, Dakota Pump Inc. continues to lead the industry.

Allow our professional staff to hear your unique tank and pumping situation. In the packaged pumping station market, each and every situation requires a custom solution. Allow us to help you through the component selection and control sequence process.