

ROCK COUNTY RWD

NORTH WATER TOWER PROJECT

ENHANCING WATER RELIABILITY AND EFFICIENCY

The North Water Tower project is a vital infrastructure investment for the customers of Rock County Rural Water District. It addresses the urgent need for elevated water storage in an area of the system that currently lacks it. Over time, water demands have grown significantly beyond the capacity envisioned during the system's original construction, while water storage improvements have not kept pace.

Currently, our system relies on continuous pump operation—24 hours a day, seven days a week—to maintain water pressure in this service area. This approach is not energy efficient and increases the risk of water outages due to pump or power failures. Such outages are more than an inconvenience; they pose potential health and safety hazards. When water mains lose pressure, outside contaminants can infiltrate the system, compromising water quality.

The addition of the North Water Tower will resolve many of these issues by:

01 PROVIDING CONSISTENT WATER PRESSURE

Elevated water storage eliminates the need for round-the-clock pump operation, improving energy efficiency and reducing long-term maintenance costs.

02 ENSURING EMERGENCY WATER SUPPLY

In the event of a power outage or pump failure, the water tower will continue to deliver water to customers, preventing disruptions. Severe storms in recent years have reinforced the importance of having reliable elevated storage.







03 ENHANCING SYSTEM RELIABILITY

By maintaining steady water pressure, the tower helps prevent pressure surges that can lead to water main breaks. This improvement will reduce system maintenance needs and increase overall reliability for residents and livestock that depend on it.







North Water Tower

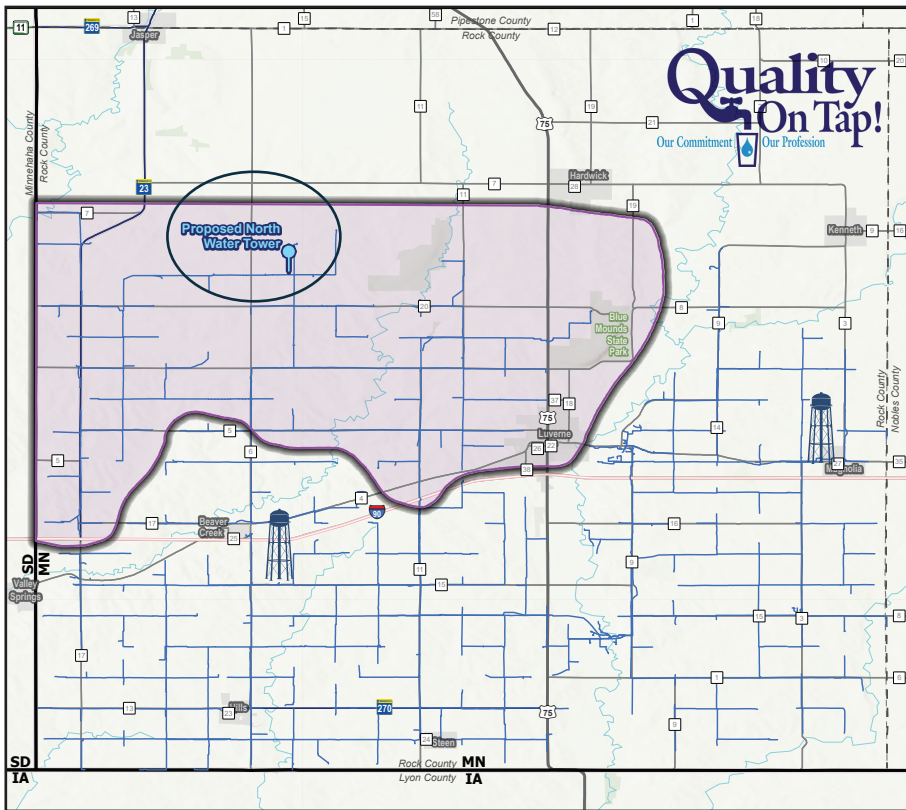
Rock County Rural Water District

Legend

-  Prospective North Tower Location
-  Water Mains
-  Prospective Service Area
-  City Boundaries
-  County Boundaries
-  State Boundaries


Highways

-  Interstate
-  US
-  SD
-  IA
-  MN
-  County



ROCK COUNTY RURAL WATER DISTRICT

ROCK COUNTY, MN

 Existing Towers

