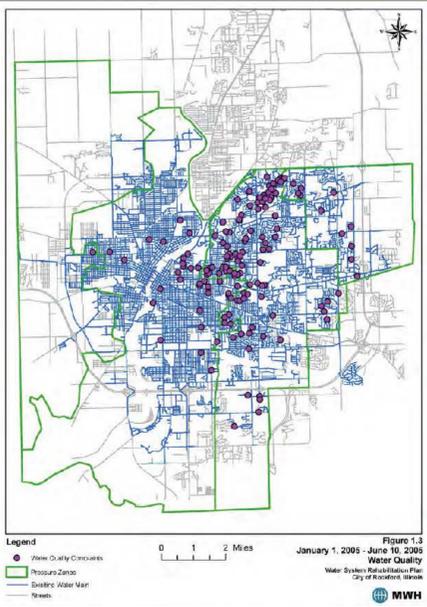


The NEED

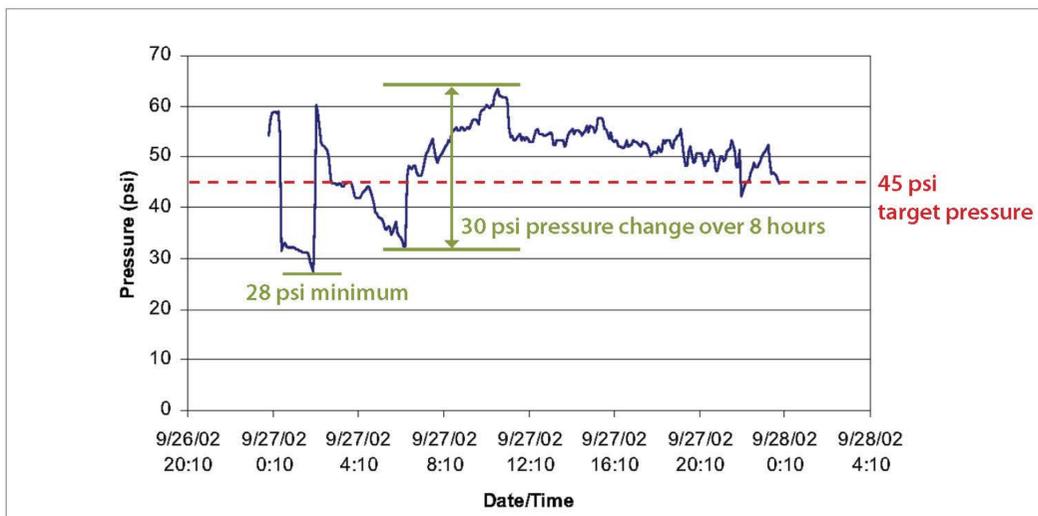
WATER QUALITY



- ◆ Radium
Radium exceeded acceptable levels at 10 wells.
- ◆ Iron/Manganese
High concentrations of Iron and Manganese caused colored water and stained fixtures.
22 wells did not meet USEPA standards for Iron or Manganese.
- ◆ Distribution
Stagnant water in dead-end mains along pressure zone boundary caused color and odor problems.



SERVICE PRESSURE



- Many customers were not satisfied with their water pressure
- Some customers experienced low service pressure
- Water pressure varied widely throughout the day



AGING INFRASTRUCTURE



Many water facilities were more than 50 years old, deteriorating or beyond the end of their useful lives.



Water System Rehabilitation Plan Adoption

In 2005, the City of Rockford adopted a plan to improve the quality and reliability of the water supply for its more than 150,000 residents. The key goals of the project included improved water quality, higher and more consistent service pressures, fewer unplanned outages and overall improvement in the appearance of facilities. The plan was developed by a team of consulting engineers and implemented in partnership with a number of supporting engineering firms, contractors and equipment vendors.

