

INSTA-VALVE 250 SUCCESS STORY

10 YEARS AFTER INSTALLATION, INSTA-VALVE 250 HELPS ISOLATE REPAIR AREA

THE CHALLENGE

As part of an infrastructure improvement project, the City of Rock Falls needed to remove an old fire pump within the filter room of their water treatment plant. Unfortunately, the original system from 1962 did not have a valve after the primary check valve in the yard, thus making it impossible to isolate the repair area properly.

THE SOLUTION

Fortunately, the city showed forethought about this issue – 10 years before there even was an issue.

The city chose Hydra-Stop's Insta-Valve 250 insertion valve to gain additional control. They strategically installed the insertion valve on a 12-inch pipe to ensure water can leave the distribution system in another direction for required maintenance and repair to the original piping, without the risk of backflow entering the area of repair.

The Insta-Valve 250 remained in the open position until June 2021, when the city needed to isolate the fire pump for removal. Just as you would expect from a traditional valve, the Insta-Valve 250 stopped the flow of water to the worksite, and the city's crew was able to remove the fire pump successfully.

PROJECT IMPACT

The previously installed Insta-Valve® 250 provided the City of Rock Falls with precise control to safely isolate a fire pump removal project without risking backflow or requiring a system shutdown. After remaining in the open position for more than 10 years, the valve performed exactly as intended—keeping the project on schedule and on budget while delivering long-term value as a permanent, reusable control point within the water distribution system.



We are very happy with the performance of the Insta-Valve 250, even after being in the open position for ten years since installation. We would not have been able to complete our project without the added control the Insta-Valve 250 provided. — **Ted Padilla, Superintendent, CITY OF ROCK FALLS**

