

INSTA-VALVE 20-24 SUCCESS STORY

Insta-Valve 20-24 Provides Needed Control for Infrastructure Expansion

Buckeye, Arizona | Population: 79,620

SUMMARY

Hydra-Stop's solution allowed targeted control to connect a million-gallon water tank to a new water treatment center.

THE PROBLEM

The City of Buckeye is a steadily growing suburb of Phoenix, Arizona and required an expansion to their water infrastructure to keep up with their increasing population, which included a new water treatment facility.

The city needed to connect an existing million-gallon water tank — which provides water to around 1,300 residents — to their new facility. Unfortunately, there was not a control point on the 24" pipe connecting the tank to the distribution system.

THE SOLUTION

The city tasked its general contractor — Kiewit/Haydon, a joint venture — to find a solution to this issue without impacting service to area residents and businesses. After consulting with Pipeline Services, Inc., the team chose Hydra-Stop's Insta-Valve 20-24 for this project.

Pipeline Services completed the 24" installation in just 5 hours. 100% shutdown was achieved and a new connection point was created.

The City of Buckeye now has a control point for their million-gallon water tank, were able to make the connection to their new water treatment facility, and never disrupted water service to the 1,300 area customers. Thanks to the Insta-Valve 20-24 they were also able to save money by conserving water and eliminating loss of water revenue.

RESULTS

BETTER CONTROL

The City of Buckeye was able to add control point where one previously was not, without disrupting service.

COST REDUCTION

By preventing widespread shutdown, the city was able to conserve water and avoid the costs associated with shutdown, like loss of water revenue.

LONG-TERM VALUE

The Insta-Valve 20-24 is now a permanent, reusable asset that allows targeted control to their million-gallon water tank.



“The installation of the Insta-Valve 20-24 was a fast and efficient installation and we were able to close the valve easily with nothing more than a 24" crescent wrench. No struggling to close the gearing system — it was perfect.”

— Bruce Martell, President,
PIPELINE SERVICES, INC.

