

INSTA-VALVE PLUS 250 SUCCESS STORY

RESERVOIR SERVICE PRESERVED DURING EMERGENCY LEAK REPAIR

THE CHALLENGE

In January 2026, Princeville Utilities Co., Inc. identified a leak on a 16-inch asbestos cement (AC) water main upstream of their reservoir. The situation was urgent, as the existing valves in the area were inoperable.

A traditional shutdown would have required draining or taking the reservoir out of service—an unacceptable option due to the critical need to maintain continuous water supply.

Princeville Utilities needed a way to isolate the damaged section quickly without interrupting service to customers.

THE SOLUTION

To address the emergency, Princeville Utilities partnered with Pural Water Specialty Co., Inc. and Hydra-Stop to install a 16" Insta-Valve Plus adjacent to the reservoir.

Hydra-Stop's no-shutdown valve technology provided an immediate isolation point, allowing the utility to shut down flow to the leaking main without impacting reservoir operations.

The installation was completed in just one day, delivering a fast and efficient solution in an isolated but critical location within the distribution system.

PROJECT IMPACT

The 16" Insta-Valve Plus enabled Princeville Utilities to repair the leak with zero customer interruption and without removing the reservoir from service.

By avoiding a major shutdown, Hydra-Stop helped protect critical infrastructure, prevent continued water loss, and improve operational flexibility for future maintenance.



The Insta-Valve Plus allowed us to isolate the leak quickly and complete repairs without interrupting service or shutting down the reservoir. — President, PURAL WATER



HYDRA-STOP
▶ FROM PENTAIR

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