

## Senior Living Community Water Supply Protected by an AVT EZ Valve Mission Viejo, CA

**AVT EZ VALVE®**

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### SUMMARY

- 8" AVT EZ Valve installed on AC water line to provide new control point on water system
- 130 homes protected from water shut off
- Install forms part of Santa Margarita Water District training to become certified installers of the AVT EZ Valve

When engineers at the Santa Margarita Water District (SMWD) identified a need for a new control point near a senior living community they reached out to AVT distributor Western Water Works.

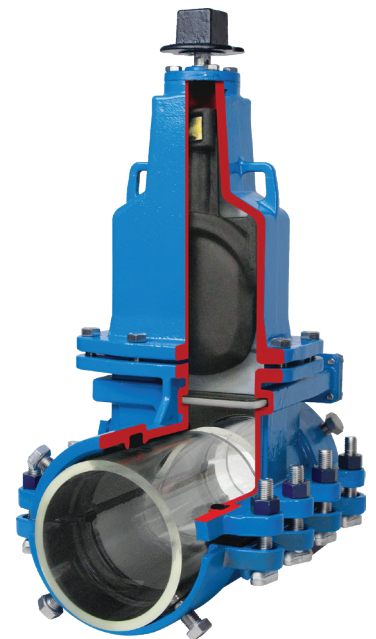
SMWD had heard of the benefits of the AVT EZ Valve insertion valve and requested a demonstration of the system. Once that was complete, they decided to invest in the installation equipment required along with valves for this project and those in the future.

They wanted to create a new isolation point on the 8" asbestos concrete pipeline to ensure that as and when maintenance and repairs were required, they would be able to safeguard the water supply of the 130 properties within the senior living community.

AVT EZ Valves are insertion valves that are installed without the need to shut off the water flow. The valves use integrated isolation gates, which when closed after a slot has been milled across the pipe, allows the low-profile EM (end milling) machine to be removed and the bonnet with a resilient wedge to be installed, all while the flow is maintained.

As well as installing the insertion valve, the team at SMWD took the opportunity to access AVT's robust training program which includes an online training workshop followed up by face-to-face training. This means the four-man crew that completed the install, are now fully qualified to install further EZ valve across the region.

AVT's VP of Global Sales, Shawn Petty was on hand to assist with training the team. "The training and installation went very well," Shawn said. "The SMWD team had completed their online training before even getting into the trench so were fully prepared. This is a perfect example of how the AVT training model really works for our installers. Together we created a new water control point in just three hours," Shawn added.



## INSTALLATION IN PICTURES



Pipe cleaned with tape and grease added ready to receive the gasket



Valve body installed on pipe



EM (end milling) machine in place and ready to mill a 120° across the pipe



AVT EZ Valve installation complete with bonnet in place

Advanced Valve Technologies (AVT) is part of ClockSpring|NRI, the high-performance critical infrastructure solutions company. AVT's advanced solutions are based on simple designs that minimize risk to the environment and reduce costly downtime. Our primary focus is on disruptions in water service that cost providers money and leave end users without service.

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V: 07.18.23



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