

Emergency Interconnects

An Emergency interconnection between Golden State Water Company and Apple Valley Heights County Water District are set up at the boundary of each agency's jurisdiction and connect adjoining distribution systems. These facilities are utilized during shutdown and inspection scenarios and can be crucial as a backup water source during a major disruption in service such as in a natural disaster when a supply line or facility is unexpectedly out of service. The facility is designed to operate with flow in one direction, when similar pressure settings allow benefitting our agency. Apple Valley Heights County Water District will cover all costs when the benefit is one-sided. A water meter with a register will monitor flow. The Interconnection will be scheduled for replacement as needed.

Background

Apple Valley Heights County Water District maintains the interconnecting piping and connections with the neighboring water agency. The interconnection serves as back up water source by providing uni-directional connection between hydraulically separated systems, and are crucial for operational flexibility during planned shutdowns and during emergency situations. The distribution system also contains interconnects between normally isolated pressure zones that are part of the maintenance budget.

How We Lower Construction Costs

Water Agencies' Standards provide participating water agencies with infrastructure design guidelines, standard specifications, standard drawings and approved materials. Standardization is efficient for water agency engineers and efficient for parts suppliers who can maintain smaller inventories and better meet the needs of a project. Perhaps the greatest benefit is that construction contractors and their workers develop expertise with the infrastructure of participating agencies more quickly, do higher quality work and make fewer mistakes. Apple Valley Heights County Water District's capital projects comply with Water Agencies' Standards in order to experience these benefits.