

**PROJECT LOCATION**  
Monterey, CA

**PROJECT TYPE**  
Construction

**PROJECT TIMEFRAME**  
2016-2018

**PROJECT PHASE**  
Construction

**CONSTRUCTION COST**  
\$32,000,000

**END USER**  
California American Water

**GENERAL CONTRACTOR**  
Garney Pacific, Inc.

**DESIGN ENGINEER**  
AECOM

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## Monterey Peninsula Water Supply Project

The Monterey Peninsula Water Supply Project (MPWSP) is an under-construction water supply project in the central California coast. The project is managed by California American Water, a subsidiary of American Water Works Company.

### Project Details

Water from the Carmel River is the primary source of water to the Peninsula region. Considering the possible threat to water species caused due to the excessive use of water from the river, the State ordered a significant reduction in the water supplied from the river. This reduction, along with other supply restrictions, has resulted in a 70% cut in water supplies to the region. This necessitated an alternate source of water to meet the needs of 100,000 residential and commercial customers.

After a lengthy study, California American Water put forward the MPWS Project. The project includes construction of slant wells, a new 9.6 MGD desalination plant, and the improvements and expansion of the existing Seaside Groundwater Basin aquifer storage and recovery system, adding over 900 acre-feet of annual capacity. Once complete, the new network will replace reliance on the Carmel River as a primary source of water supply.



To protect river habitats and the Seaside Groundwater Basin, California American Water selected Garney Pacific to construct the majority of its \$92 million desalination pipeline network. This entails the installation of nearly 19 miles of 36" ductile iron water pipe and 42" PVC pressure water pipe. Half of the pipeline was installed in the downtown streets the 130-year-old city, requiring careful considerations and traffic control for narrow, winding historical streets. Connecting the pipeline also required bridge crossings, an auger bore, dewatering, and 50 water service connections.

*"The award of the Monterey Peninsula Water Supply Project is a significant achievement for Garney Pacific and anchors our expansion into Northern California,"* said Scott Parrish, Chief Operating Officer of Western Pipe Operations. *"We look forward to continuing Garney's tradition of excellence with this extremely important project, and we're excited to exceed California American Water's expectations, and to perpetuate Garney's reputation, goals, and philosophies."*

Aqueous Vets<sup>®</sup> provided subcontracted supply of critical support services and project materials, including pipe, connections and valves on a regular and timely schedule.

