



Our mission is to provide a reliable source of water to our member agencies in an efficient and cost effective manner for the betterment of our community.

Cachuma Operation and Maintenance Board (COMB) South Coast Conduit (SCC) Upper Reach Reliability Pipeline Project

Prop 50 Funding

In a competitive grant for Integrated Regional Water Management monies under Proposition 50, COMB received \$3.2 million from the State Water Resources Control Board (SWRCB) for the South Coast Conduit Upper Reach Reliability Pipeline project.

South Coast Conduit Upper Reach Reliability Pipeline

The COMB SCC Upper Reach Reliability Pipeline project adds a second pipeline to the SCC system in order to increase operational flexibility, reliability and capacity. Presently, the system capacity is sixty-five (65) million gallons per day (MGD), but the pipeline is restricted to forty-two (42) MGD. The project consists of the installation of approximately eight thousand, two hundred (8,200) feet of approximately forty-eight (48) inch pipeline to run parallel to the first section of the existing forty-eight (48) inch SCC; this second pipeline assures ongoing water deliveries even if one of the lines is out of service for repairs or as a result of a pipeline failure.

Project Need

The COMB SCC is a sixty (60) year old pipeline that transports approximately eighty – five (85) percent of the water supply for the two hundred thousand (200,000) residents of the south coast communities of Santa Barbara County. The SCC is under-designed by thirty (30) percent for strength by current design standards

Project Benefits

The proposed improvements will reduce the amount of flocculent that reaches the filters and reduce the amount of filter aid required during the filtration process. This in turn will reduce the amount of sludge produced during filter backwash. The modifications and upgrades will result in significant improvement to the plant's overall treatment efficiency. Maintenance tasks will be simplified saving time and money. Less filter aid (chemical) will be used also reducing operating costs by approximately \$5,000 annually. The project will replace several plant components that have outlived their design life, such as the launders and filter backwash troughs. This will improve reliability by replacing aging unreliable components of the plant.



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS