

San Vicente Pipeline

San Diego
County
Water
Authority

Building Water Reliability Through the Emergency Storage Project



The San Vicente Pipeline will be a large-diameter pipeline that will connect the San Vicente Reservoir in Lakeside to the Water Authority's Second Aqueduct west of Interstate 15.

This project is part of the Emergency Storage Project, a system of reservoirs, interconnected pipelines and pumping stations designed to make water available to communities in the San Diego region in the event of interruption in imported water deliveries.

The Emergency Storage Project is part of the Water Authority's Capital Improvement Program to enhance and increase the operational flexibility of its water delivery system.



San Diego County
Water Authority
Capital Improvement
Program

The San Vicente Pipeline will extend 12 miles from the San Vicente Reservoir in Lakeside to the San Diego County Water Authority's Second Aqueduct west of Interstate 15. This project is a key component of the Emergency Storage Project and an important investment in the future reliability of San Diego County's water supply. The pipeline will enable the Water Authority to move water between the two major aqueducts that supply water to the San Diego region and will connect the San Vicente Reservoir to the Second Aqueduct.

Trench or Tunnel?

The San Vicente Pipeline was included in the Environmental Impact Report/Environmental Impact Statement certified for the Emergency Storage Project in 1997. The EIR/EIS analyzed both open-cut trench construction and tunnel construction for the San Vicente Pipeline.

Geotechnical drilling performed in late 2000 at seven locations along the proposed tunnel route confirmed tunneling as a feasible option for the pipeline. The Water Authority Board of Directors

approved tunneling construction in December 2001. Tunneling will significantly reduce the impact of construction on communities along the pipeline route. In particular, traffic impacts will be reduced by avoiding lane closures on Scripps Poway Parkway that would have been necessary with trench construction.

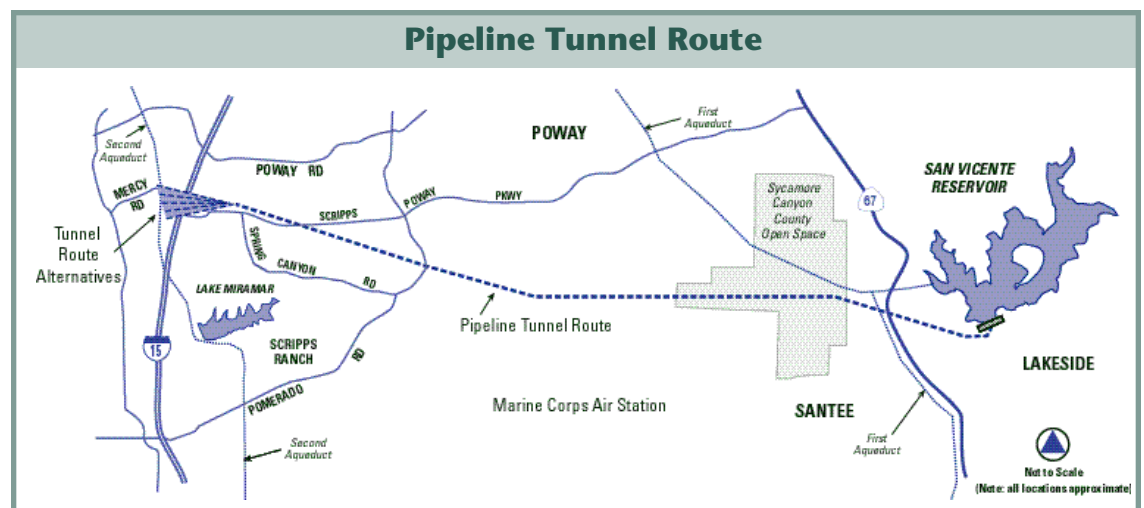


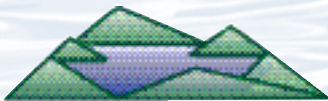
San Vicente Reservoir

Preparing for Construction

In early 2002 a second round of geotechnical drilling will begin along the tunnel route to provide more detailed data needed to design

the tunnel. Additional drilling may be performed later in 2002 if needed to complete the tunnel design. For the western half-mile of the tunnel near Interstate 15, several alternate tunnel routes are being considered. The route for this portion of the pipeline will be selected in spring 2002.





Emergency Storage Project



Tunnel Facts

- The tunnel will be 12 miles in length and 12 feet wide
- The pipeline will be approximately 8 1/2 feet in diameter
- The project budget is approximately \$199 million
- The tunnel depth ranges between 100 and 600 feet below the surface

Further environmental documentation will be performed to evaluate project impacts where the tunnel alignment has changed from the original route certified in the EIR/EIS. Throughout the design and construction of the pipeline, the Water Authority will continue to work with the communities along the tunnel route to respond to

questions about tunnel excavation, and will make every effort to minimize inconveniences created by construction.

Projected Schedule

Design of pipeline

- Geotechnical drilling along tunnel route to provide information for design
- Possible additional drilling performed
- Construction access shaft sites identified

Environmental documentation

Pipeline construction

Winter 2002 — Winter 2003

Winter — Spring 2002

Spring — Summer 2002

Mid-2002

Winter — Fall 2002

Late 2004 — Late 2007



Geotechnical drilling along tunnel route.

The San Vicente Pipeline is part of the San Diego County Water Authority's \$827 million Emergency Storage Project. The ESP will protect the region's \$117 billion economy, job base and quality of life by increasing the amount of water available within the county during emergencies. A drought or earthquake could interrupt San Diego's water supply for up to six months, and some communities could be without water within three to four days. The Emergency Storage Project will ensure the Water Authority will be able to provide the safe water supply upon which the region depends.

The Emergency Storage Project is part of the Authority's \$1.2 billion Capital Improvement Program. The CIP was initiated in 1989 to make necessary improvements to the pipeline delivery system and to increase operational flexibility to supply water throughout the county.



*For more information about the San Diego County Water Authority's Emergency Storage Project or the San Vicente Pipeline, please call this toll free number:
(877) 426-2010.*



San Diego County Water Authority