

MORENO • LAKESIDE



PIPELINE

San
Diego
County
Water
Authority

Building Water Reliability

FACT SHEET

The 4.7-mile-long Moreno-Lakeside Pipeline will ensure the Water Authority can supply up to 80 million gallons per day of untreated water to the R.M. Levy Water Treatment Plant. Out of the 80 mgd, 40 mgd will be used by Helix Water District, 8 mgd by Otay Water District, 18 mgd by Padre Dam Municipal Water District and 14 mgd is reserved for future use.

The Moreno-Lakeside Pipeline 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

What is the Moreno-Lakeside Pipeline Project?

The Moreno-Lakeside Pipeline Project is an important part of the San Diego County Water Authority's Capital Improvement Program to enhance the flexibility, reliability and capacity of its water delivery system. The Water Authority is installing a 4.7-mile pipeline that will connect an existing pipeline to the Helix Water District's R.M. Levy Water Treatment Plant. The project also includes a flow control facility.

Why do we need this pipeline?

The Moreno-Lakeside Pipeline Project is needed to help meet the current and future demand for water in the eastern and southern regions of San Diego County. It will also increase the operational flexibility of the Water Authority pipelines serving this area.

The project will enable the Water Authority to deliver an additional 80 million gallons of water per day to the R.M. Levy Water Treatment Plant that is owned and operated by the Helix Water District. The additional water treated at the plant will help serve Helix customers, the Otay Water District and the Padre Dam Municipal Water District. Padre Dam, in turn, will provide treated water to the Lakeside Water District.

In addition, the project will provide a reliable supply of water to the southern and eastern regions of the county in an emergency through its connection to the San Vicente Reservoir. During a natural disaster, such as a severe drought or earthquake that cuts off the Water Authority's supply of imported water from the north, the Moreno-Lakeside Pipeline can deliver water stored in the reservoir to the R. M. Levy plant.

What is the project timeframe?

Construction of the Moreno-Lakeside Pipeline Project begins in fall 2002, and will take approximately 24 months to complete.

What are the impacts of construction?

Like most major improvement projects, construction of the pipeline and related facilities will produce some noise, dust and traffic impacts. The Water Authority will distribute advance notification of construction schedules, monitor noise to ensure compliance with county ordinances and employ water trucks to control dust. Major roads including Lake Jennings Park Road, El Monte Road, Willow Road, Wildcat Canyon Road, Moreno Avenue, Topo Lane and Vigilante Road may experience additional traffic during certain phases of construction. A comprehensive traffic-control program will be developed to keep the community informed, maximize safety and improve traffic flow during construction hours.

How was the pipeline route chosen?

Exhaustive studies were conducted to determine the best location for the pipeline. More than 18 alignments were analyzed considering the impacts to the community, the environment, sensitive biological habitats and traffic. The analysis also considered geological, utility and land-use issues. The studies, along with public input, were used to select the most efficient and least-disruptive alignment for the pipeline route.

As part of the Water Authority's community outreach efforts, numerous neighborhood meetings were held to discuss construction impacts, gather input, answer questions and accommodate community concerns. Through this effort, the final alignment, design and scheduling of the project were adjusted to help minimize inconvenience and preserve community character.

What are the project specifications?

The Moreno-Lakeside Pipeline will be constructed with welded steel pipe ranging in size from 54 to 60 inches in diameter. Upon completion, the Moreno-Lakeside Pipeline will be able to deliver up to 80 million gallons of untreated water to the R. M. Levy Water Treatment Plant. The pipe will be installed in trenches and tunnels.

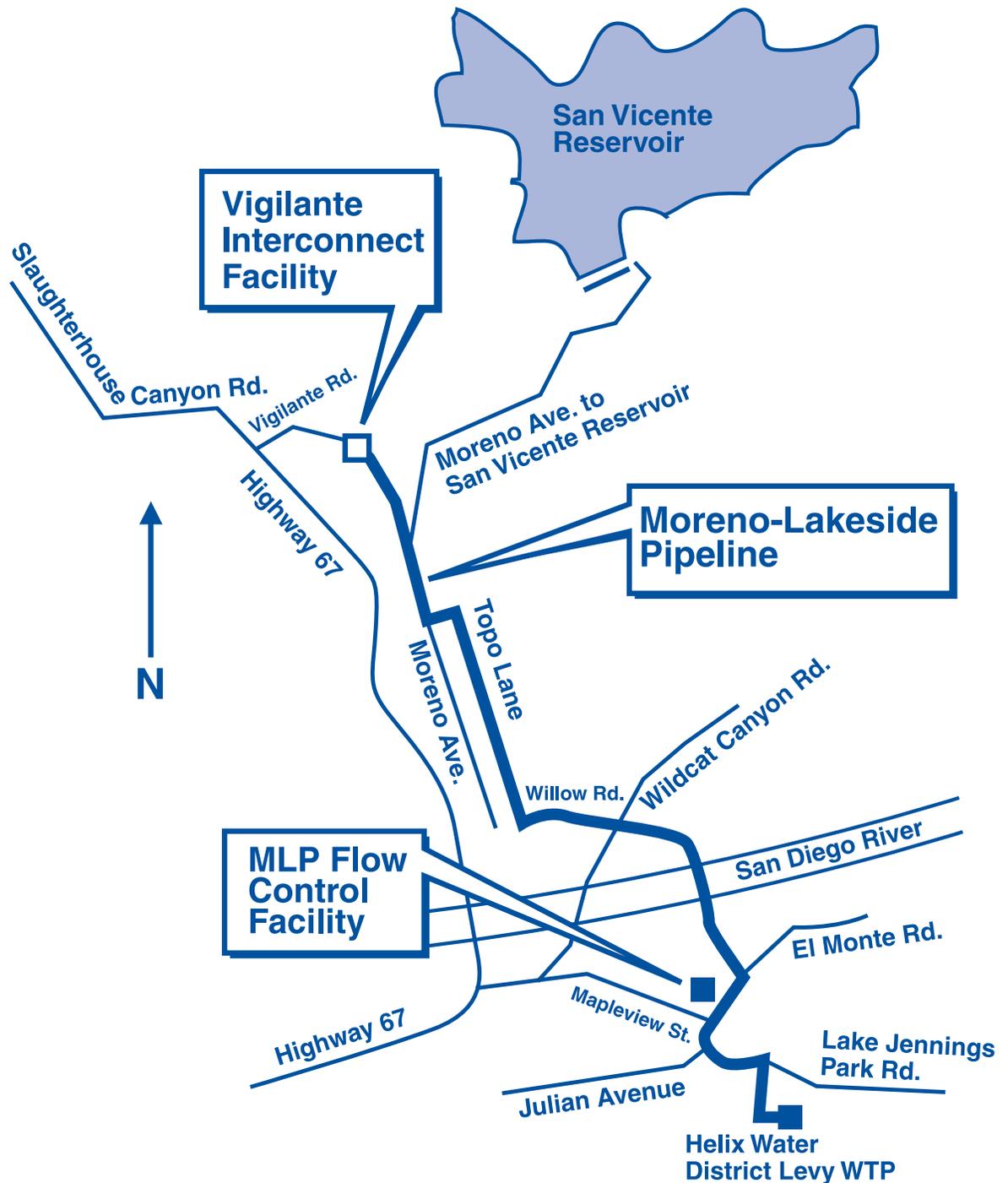
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The project also includes a 46- by 50-foot flow control facility, which will be located on a half-acre site along El Monte Road, east of the Lake Jennings Park Road intersection. The facility will control and measure the flow of water to the Helix Water District, the Padre Dam Municipal Water District and the Otay Water District.

The estimated combined cost of the facilities is \$25 million.

Who can I contact if I have questions?

If you have questions or comments, or would like additional information about the project, please call the toll-free project information line at 1-877-682-WATER (9283) ext. 7002. Callers can listen to project information and leave a message. A representative from the project team will return your call within one business day.



San Diego County
Water Authority
4677 Overland Avenue
San Diego, CA 92123

The San Diego County Water Authority is a public agency serving the San Diego region as a wholesale supplier of water imported from the Colorado River and Northern California. The agency works through its 23 member agencies to provide a safe, reliable water supply to San Diego County residents.

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