



Key Project to Improve Sewer System Reliability

Miles of pipes sit beneath the streets within the Moulton Niguel Water District, reliably transporting water and wastewater to meet the needs of our customers. When toilets flush and bathtubs drain, that wastewater is transported through more than 530 miles of sewer pipes from local homes and businesses to one of four local treatment plants. MNWD recently completed a significant rehabilitation of a key segment of sewer pipe within a residential community along Niguel Road, which will ensure continued reliable wastewater service for our customers.

Smart Investments Ensure Reliable Service

The majority of MNWD's sewer system was constructed between 1960 and 1995 as new neighborhoods were built within our growing community. An aging section of pipe near Niguel Road and La Hermosa Avenue in Laguna Niguel for years had required regular attention as nearby tree roots infiltrated the pipe's joints, increasing the potential for spills. Since the late 1990s, MNWD crews have trimmed the roots and flushed the lines every few months, but a more permanent solution was necessary to ensure continued reliable service.

In August, MNWD crews rehabilitated 2.5 miles of this pipeline by installing a new mesh lining on the inside of the pipe. Crews accessed the pipe through 70 nearby manholes, eliminating the need to dig trenches in the street. The lining was cured with an epoxy resin that will extend the lifespan of the pipe by an additional 50 years, deferring the sizeable cost of replacing the pipe and maintaining the reliable wastewater service our customers depend on.

MNWD would like to thank customers for their understanding and cooperation during the construction of this necessary and impactful project.