



PRESS RELEASE | JUNE 27, 2017

Las Vegas pumping station gets boost from Tsurumi pumps amid drought

Tsurumi pumps are playing an important role in the construction of the Low Lake Level Pumping Station (L3PS) in Lake Mead, Nevada. Once completed, the pumping station will ensure that Las Vegas maintains access to its primary water supply, Lake Mead, despite a drought that has drained its coffers for more than a decade.

Contractors on the L3PS job site used 10 Tsurumi LH6110 three-phase submersible dewatering pumps to complete a series of 500-ft-deep well shafts that measure approximately 8 ft in diameter each. The 150 hp pumps proved ideal for the constant movement of abrasive-solids-laden groundwater from the shafts during excavation, thanks to their reliability and efficiency.

Process Engineering Group supplied the Tsurumi pumps to the contracting team, and provided full rebuild and repair services for all pump systems on-site during the project. Dave Warren, chief engineer and co-founder of the Tempe, Arizona-based company, said that the LH6110s were pushed to their limits, but maintained a high level of performance through the life cycle of the job.

“These pumps had to move dirty water for 24 hours a day at a high volume,” he said. “In tunneling applications like this, you need resilient, cast-iron pumps with a high head capacity. Some pumps have aluminum parts with urethane coating on the impellers—those pumps are more susceptible to failure when moving solids-laden water. Tsurumi uses high-chrome, cast-iron impellers and cast-iron casings in its pumps, which makes them resilient in this type of application.”

Overall construction of the L3PS started in May of 2015, and the station is scheduled to begin operation in January of 2018.

Tsurumi Pump would like to dedicate this release to the memory of Dave Warren, who was instrumental in its publication. Warren passed away in June of 2017 and will be missed as both a colleague and friend.

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About Tsurumi

Tsurumi America Inc., a division of Tsurumi Manufacturing, was founded in 1979. Headquartered in Glendale Heights, Illinois, Tsurumi America has bases in Quebec, Canada; El Paso, Texas; and West Jordan, Utah. Globally, Tsurumi is active in 45 countries and has been an innovator in the pump industry since 1924. Tsurumi America has been providing more than 35 years of leading pumping technology in construction, civil engineering, mining, industrial wastewater, domestic wastewater, sewage treatment, flood control and scenery creation fields. All Tsurumi products are backed by independent, third-party verification. Beyond leading pump technology, Tsurumi America is recognized for its robust distribution network and one of the largest on-hand inventories in North America.