



PRESS RELEASE
For Immediate Release
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Mazzei Pipeline Flash Reactor Selected for Castaic Lake Water Agency Expansion

BAKERSFIELD, Calif. — The Mazzei Injector Company, LLC has announced that its unique Pipeline Flash Reactor™ for ozone contacting was selected and installed by the Castaic Lake Water Agency. The water agency's facilities include the Earl Schmidt Filtration Plant (ESFP) and the Rio Vista Water Treatment Plant (RVWTP). The plants treat Castaic Lake water supplied from the California State Water Project. Both plants recently underwent major expansion to increase capacity.

As part of the expansion of the RVWTP, the existing 102" raw water pipeline was converted to an ozone contactor. The Mazzei Flash Reactor was selected for the ozone side stream injection to match the similar installation at the Agency's ESFP and because its proven high efficiency operation within a small footprint. The RVWTP expansion is currently under construction.

The 72" Pipeline Flash Reactor™ installed in the contactor uses application specific Mazzei nozzles to introduce the water/ozone side stream flow back into the main water flow at high velocities. This causes a section of the system to be a turbulent mixing chamber without the pressure loss of conventional mixing systems. Ozone mass transfer occurs within a few seconds and thoroughly mixes with the main pipe flow.

Mazzei President Bill Van Skike stated, "Mazzei technologies are well-known in the municipal water industry for delivering very efficient ozone contacting systems with small footprint designs. We are pleased that this innovative product was selected for the Castaic project. We are seeing more and more of these types of applications for our Pipeline Flash Reactor™."

For more information contact, Mazzei Injector Company, LLC, 661-363-6500 or visit www.mazzei.net

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About Mazzei

Founded in 1978, the Mazzei Injector Company, LLC is headquartered in Bakersfield, California. Known worldwide for its mixing and contacting technologies, the company manufactures patented products and processes including high performance "venturi" type injectors for the agricultural, municipal and industrial water and wastewater, pool/spa and wine industries.