



ENVIRONMENTAL TECHNOLOGY

AESSEAL® CURC™ stops leaks at sewage treatment plant

The installation in December 2022 of an AESSEAL® CURC™ single seal proved to be the remedy for serious issues at a sewage treatment facility in the Middle East.

The rusting of a pump support was causing a leakage of wastewater, leading to further damage to the pump foundation and raising the risk of potentially serious health and environmental problems.

A routine inspection some nine months after installation had revealed that the existing rubber bellows seal was clogged with contaminants and had significant scaling on the springs. It was discovered that the seal faces were open, causing leakage of process fluid.

The situation was remedied with the installation of the CURC™ seal, with its non-clogging rotaries and hydraulically balanced seal face technology. In the CURC™ seal the springs are protected from process fluid, minimizing the risk of clogging. It has now been operating successfully at the plant for more than two years, saving the company US\$9,500 a year in repair and maintenance costs.

The company has now placed an order for a further four seals, a total investment of more than US\$10,000.



‘Reliability increase from <9 months to >2 years’

Industry:	Sewage Treatment Plant
Product:	CURC™
Application:	Sewage Water
MTBF Increase:	166% (and counting)
Savings:	\$9,500
Reference N.O:	TD3111336



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