



ENVIRONMENTAL TECHNOLOGY

Over 20 million litres of water saved in 5 years for just 2 pumps

A latex producer in South Africa was consuming a large quantity of water in API Plan 54 seal support systems (quench to drain) in 2 pumps.

The pumps each consumed 4 litres / minute of water which needed to be treated in the effluent plant before being reused. The customer approached AESSEAL® for a solution that would reduce the water consumed.

AESSEAL® recommended replacing the API Plan 54 seal support system with an AESSEAL® water management system. The water management system is a closed loop system that cycles water between the seal and a small holding tank. This solution reduces the amount of water used to just a few millilitres per day. The water management system is self-contained and requires no intervention after being commissioned. The new solution was installed in July 2016 and in the 5 years of operation has saved 20,966,400 litres of water that would have been consumed by the two pumps.



‘Saving almost 21million litres of water’

Industry:	Chemical
Product:	Water Management System
Application:	Latex production
Water Savings:	20,966,400 litres
Reference N.O:	19052021-QBS01

