

Transforming flow

October, 2018

Landia at the forefront of modernising Arab port resort.

Landia's flowmaker technology is to help transform wastewater treatment and reclamation at one of the Middle East's fastest developing resorts.

Aqaba is the Arab state of Jordan's sole port and entry point to the Red Sea. As well as being a vital trade route the city has been a popular point for heritage travellers and holiday-makers.

But its growth in popularity and urban development has put extra strain on Aqaba's water system, requiring a substantial overhaul.

Expansion of the Aqaba water facility will feature a new 12,000m³/day mechanical wastewater treatment plant. It will also include systems for reclaimed urban and agricultural water - as well as a new flowsplitter to separate influent from the mechanical plant and natural processes.

The Jordanian authorities contracted Landia to help optimise the site's mixing operation with the installation of long-lasting submersible mixers and recirculation pumps.

Working with local partner Modern Industrial Services, Landia provided 23 units while decreasing the number of mixers in the plant's anoxic tanks from 16 to eight - significantly reducing installation and ongoing operational costs.

Thorkild Maagaard, export sales director at Landia, commented: "We are very proud to be working in Jordan, where engineers have a firm belief and vision in creating a facility that is designed and built with robust, efficient equipment that will stand the test of time".

