

Press release

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Middle East - Water Technologies

Veolia Water Technologies to supply 53 packaged biological wastewater treatment units throughout Kuwait



Veolia Water Technologies Gulf was awarded a contract by Mohammed Abdulmohsin Al-Kharafi & Sons (Al-Kharafi) to supply, supervise, install and commission 53 [AnoxKaldnes™ Moving Bed Biofilm Reactor \(MBBR\)](#) packaged sewage treatment plants. This order is the largest ever received by Veolia for this type of packaged plants and will allow for 40,000 m³ of water to be reused each day in water-scarce Kuwait.

The compact and packaged sewage treatment units will be installed at various locations throughout the country where they will compensate a shortage in sewage handling. A major advantage of these smaller, packaged units when compared to one big wastewater treatment plant is that the size of the network is vastly reduced as it is possible to spread the units in various parts of the housing development or city. Capital costs are lowered while more flexibility is gained.

Following treatment, the effluents will be reused for irrigation, therefore saving freshwater that would otherwise have been desalinated at high cost, particularly in terms of energy.

In Sabah Al Ahmad City, a planned community located 80 kilometres south of Kuwait City in Khiran Kuwait, 23 AnoxKaldnes MBBR package plants with a total treatment capacity of 17,000 m³/day will be added to existing

sewage treatment installations. In West Abdullah City, new sewage treatment installations will be built and will include 27 package plants totalling 23,000 m³/day. Finally, three more units will be installed as provisional items at other locations.

Veolia Water Technologies will also supply pretreatment and UV disinfection as well as proprietary Veolia technologies [Multiflo™](#) for clarification and [Hydrotech™ Drumfilters](#) for tertiary treatment. Veolia's digital solution [Hubgrade](#) will also be provided to support the operational teams in their daily monitoring with a proactive, data-driven service and remote reporting.

Thierry Froment, CEO of Veolia Water Technologies Middle East, said: *"2020 has proven a very challenging year in many aspects, but it has also brought us some great successes. This project exemplifies the benefits of combining our expert technologies available throughout Veolia's network of business units with our digital services to offer our customers the best possible solution. After having worked on the Sulaibiya WWTP Expansion Project, we are honored to have been chosen by Al-Kharafi once again and we look forward to continuing our successful collaboration."*

The first units will be delivered early in 2021, with all 53 units delivered in less than 12 months.

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Veolia group is the global leader in optimized resource management. With nearly 179,000 employees worldwide, the Group designs and provides water, waste and energy management solutions which contribute to the sustainable development of communities and industries. Through its three complementary business activities, Veolia helps to develop access to resources, preserve available resources, and to replenish them.

In 2019, the Veolia group supplied 98 million people with drinking water and 67 million people with wastewater service, produced nearly 45 million megawatt hours of energy and treated 50 million metric tons of waste. Veolia Environnement (listed on Paris Euronext: VIE) recorded consolidated revenue of €27.189 billion in 2019 (USD 29.9 billion). www.veolia.com

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