

Veolia expands in new Singapore bioscience facility

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Singapore: Veolia Water Solutions and Technologies is expanding its existing water treatment facilities for the second phase of a new bioscience facility in Singapore. Under this project, Veolia will add AnoxKaldnes MBBR (moving bed bioreactor) to existing wastewater treatment facilities, and Orion technology to process water treatment systems.

AnoxKaldnes MBBR is a compact wastewater treatment technology that operates as a fixed-film process without activated sludge. In this innovation, specially engineered plastic carriers, coated with microorganism-filled biofilm, are suspended in a reactor to provide a large surface area for trapping sewage.

Specially designed for pharmaceutical and healthcare businesses, Orion packaged systems are pre-validated and skid-mounted. The technology features 80 standard configurations, of which Orion 17,000 was selected to meet the new plant's requirements.

AnoxKaldnes MBBR will treat 700m³ of wastewater a day, while Orion has an hourly capacity of 17m³ of process water. The combination of this project and the previous contract secured for the first phase of the bioscience facility enforces Veolia's longstanding relationship with the global healthcare company globally.

Ms C line Dronsart, pharmaceutical and cosmetics market manager, Design and Build Projects, South East Asia Industrial, said, "This project reinforces Veolia's reputation within the industry, and we anticipate that this will heighten awareness about our expertise for this sector. We look forward to expanding our offerings in the pharmaceutical industry as Veolia secures more projects in the coming years."