

Press release

East Kilbride, Scotland — 4th October 2022

Water Technologies

Veolia awarded a multi-million dollar contract for a seawater treatment package for an offshore Guyana FPSO



Veolia Water Technologies, through its subsidiary VWS Westgarth Ltd, has been awarded a multi-million dollar contract by the Yellowtail - SBM Offshore/McDermott Joint Venture (YTSM JV) for the supply of a seawater treatment process module for the One Guyana FPSO (Floating Production Storage and Offloading vessel), that will operate in the Stabroek block, offshore Guyana.

The award is for the design, procurement and supply of equipment to process 15,350 m³/h of seawater for cooling, fresh water, and low sulphate water injection. The nano filtered low sulphate seawater injection is supplied at up to 2,092 m³/h and fresh water supplied from seawater reverse osmosis (SWRO) at 350 m³/h.

The seawater system is provided as a single, fully integrated process module comprising coarse filtration, UltraMEV108 ultrafiltration pretreatment, sulphate removal membrane process, SWRO membrane process, membrane Clean-In-Place unit, vacuum deaerator unit, water injection booster pumps with system piping, valves, and instrumentation.

Low sulphate seawater is injected into the oil bearing reservoir to maintain pressure and improve secondary recovery, this helping to ensure that the oil production is achieved as efficiently as possible, and minimising the operations carbon footprint.

This will be Veolia's fourteenth Sulphate Removal Process (SRP) technology project with SBM Offshore, and our third for Guyana's Stabroek Block, the One Guyana project building on the successful SRP process modules design, supply, and operations support services provided for the Liza Unity and Liza Prosperity FPSOs.

Stephen Hill, Project Manager for VWS Westgarth Ltd. said: *"We thank the Yellowtail SBM Offshore/McDermott Joint Venture for again showing their faith in our expertise to design and supply this specialist technology. Our experienced project team is fully committed to playing our part to help to ensure the success of the project."*

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Veolia group aims to be the benchmark company for ecological transformation. With nearly 220,000 employees worldwide, the Group designs and provides game-changing solutions that are both useful and practical for water, waste and energy management. Through its three complementary business activities, Veolia helps to develop access to resources, preserve available resources, and replenish them. In 2021, the Veolia group supplied 79 million people with drinking water and 61 million people with wastewater service, produced nearly 48 million megawatt hours of energy and treated 48 million metric tons of waste. Veolia Environnement (listed on Paris Euronext: VIE) recorded consolidated revenue of €28.508 billion in 2021. www.veolia.com

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