



Sewage Treatment Installation

Membrane Bioreactor

If you aim for the most efficient water treatment solution

DNV-GL Certification by Triqua International BV

In January 2014 Triqua received the order for a MBR system suitable to treat the human wastewater of 30 m³/day on a Drilling Platform, which platform must be operating in a "Special area" in Arctic waters. The final effluent quality shall be equal to the results of installations already in service on accommodation vessels operating in the Caspian Sea.

The reason to have this high effluent quality is due to the fact that the drilling platform will be operating in Russian Arctic waters where high demands on environment are imposed by the authorities. The system was realised within a short production period; this due to the fact that the Drilling Platform was coming into the yard at the end of May and also that the installation had to have a Certification by DNV-GL all in accordance to the (renewed MEPC) now called MEPC.227(64).

Also a grease removal- and intermediate pump system was installed in one of the platform "legs" from where the Galley water will be transferred to the MBR positioned in the other leg. In good relation with the Owners, Yard, PIA (laboratories) and DNV (Certification) Triqua realised the Certification in time. The start up and set into service of the plant took place on July 10th 2014.

The below picture shows the STP as **Certified to MEPC.227(64)**.



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