

SubTriq®

Standardized submerged membrane bioreactor

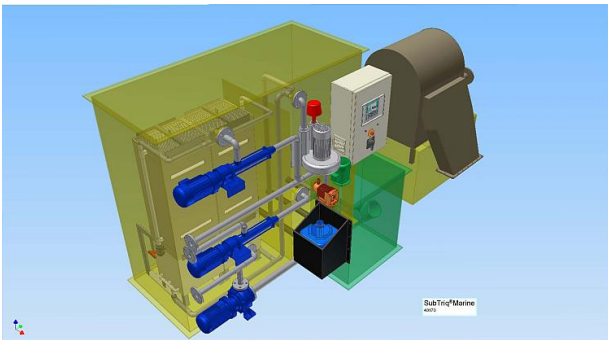
Introduction

More than 10 years ago Triqua International designed and introduced the Membrane Bio Reactor technology; known as the MemTriq® systems. The first installations are still in operation and treating (human) wastewater to the lowest possible levels. Several of these systems are installed on accommodation barges and platforms operating in environmentally sensitive areas; such as the Caspian Sea.

New regulations at sea, rivers and lakes are demanding a high degree of wastewater treatment. Conventional systems using cutting systems and chlorination injection are no longer accepted.

After introducing Submerged Membranes we designed a compact wastewater treatment system (especially for the Marine Industry), called the SubTriq®, suitable for vessels and super yachts with up to 100 persons on board.

The SubTriq® is fully compliant to the IMO resolution MEPC159 (55).



The System

- High biomass concentration
- Low excess sludge production
- Minimum space and weight
- Low operating intervals
- Stand alone system

Advantages

- Economically attractive
- Compact
- Trouble-free operation
- Options for water reuse
- Fast delivery time
- Certified by DNV (RMRS at request)

Special Applications

- Re-use for technical applications (deck wash etc.)
- Re-use for toilet flushing
- Use of "extended" system for operating in zero-emission areas
- Tailor-made executions
- Also for Retro-fit



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