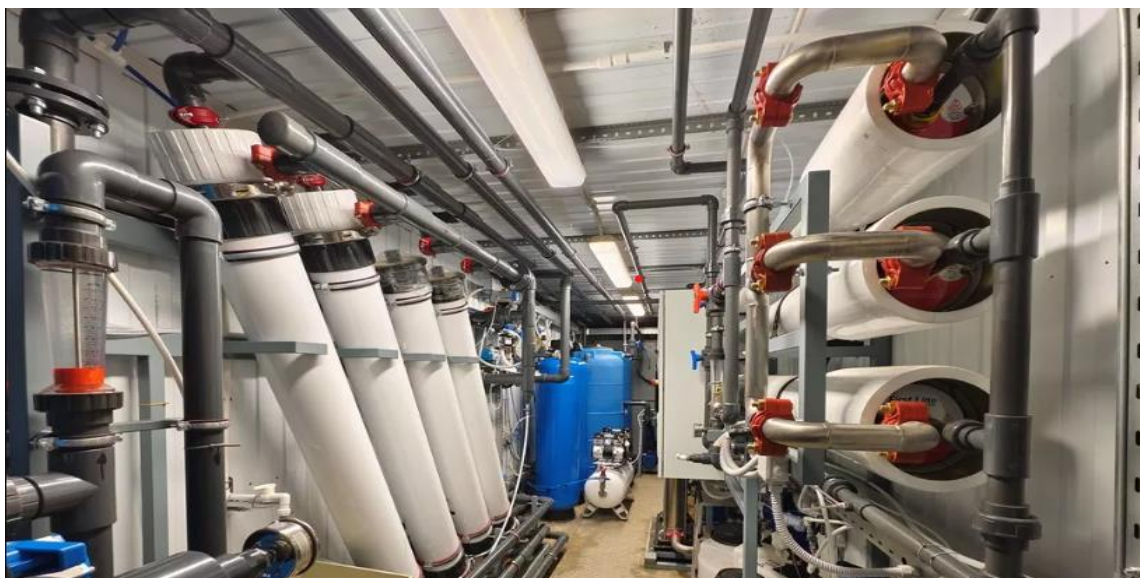


CASE STUDY

Seawater Desalination Modular Water Treatment for Oil Exploration Camp



Background

The seawater desalination modular water treatment system installed in an insulated containerized unit is design to produce desalinated (RO) water from the coast of Arctic Ocean to supply water to the steam, water heating boiler room as well as supplying drinking water to the oil exploration camp.

EuroTec UF membrane along with the SWRO system inside the containerized unit is capable of purifying ice-cold and highly salt water to the requirements of steam boilers and drinking water quality.

Solution

EuroTec UF membranes are used as an effective pre-treatment to the SWRO system, providing high quality RO feed water that reduces fouling as well the frequency of maintenance and prolongs the RO membranes' lifetime.

Plant Location: Eurasia

Water Source: Seawater

Application: Drinking Water

Operational Start Date: 2023

UF Capacity: 300 m³/d

ETUF Module: ETUF-9076D

No. of Modules: 4

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