

MEMBRANE FILTER PLANT MUNICIPALITY OF ÖSTHAMMAR

Due to the occurrence of biocides (BAM) in the drinking water and requirements for softening water, the water treatment plant in Östhammar's municipality has decided to reconstruct the Gimo water plant. The total contractor for reconstruction was Björks Rostfria AB in Hallstavik. Simultaneously with a total reconstruction of the plant, a ready-to-operate membrane filter plant was constructed and designed in our factory. The membrane plant was delivered and installed during the summer of 2005.



Contract:

Björks Rostfria AB has renovated and upgraded the equipment at the existing plant. A 10-tubed ready to operate membrane plant has been designed and made in our factory for delivery and installation with minimum disturbance to the plant in Gimo.



Requirements:

Reduction of BAM to non-measurable.
Softening to approx. 8-9 °dH.
A high degree of automation.



Result:

The water plant is reconstructed with both charcoal filter and membrane filter stages. The plant produces 65 m³/h at only a 7 bar pressure. The occurrence of BAM is non-measurable and the water's hardness has been adjusted down from the earlier 18 °dH to only 8 °dH. Automatic operational surveillance.