

COLOUR REMOVAL FROM WELL WATER TO PRODUCE POTABLE WATER

CASE STUDY



Agent for:

NX filtration

THE CLIENT'S NEEDS

The customer, a municipal drinking water company, was looking for a one-step solution to remove color (humic acids) from well water for the production of potable water. A simple process with limited use of chemicals was paramount for this project.

OUR SOLUTION

We supplied our dNF80 membranes, providing a unique one-step solution without the addition of chemicals, resulting in a product water flow of up to 1,200 m³/day from a highly coloured well water.

OUTCOME

Stable operation since start-up, due to its simplified pre-treatment requirements and high colour removal efficiency.



Performance Summary:

- 95% Colour removal
- 80% Recovery
- 0% Antiscalant injection