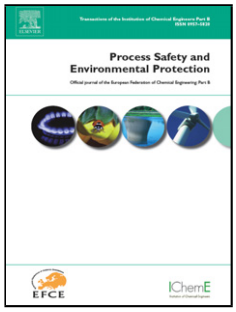

Title: Application of UF/NF/RO membranes for treatment and reuse of rendering plant wastewater

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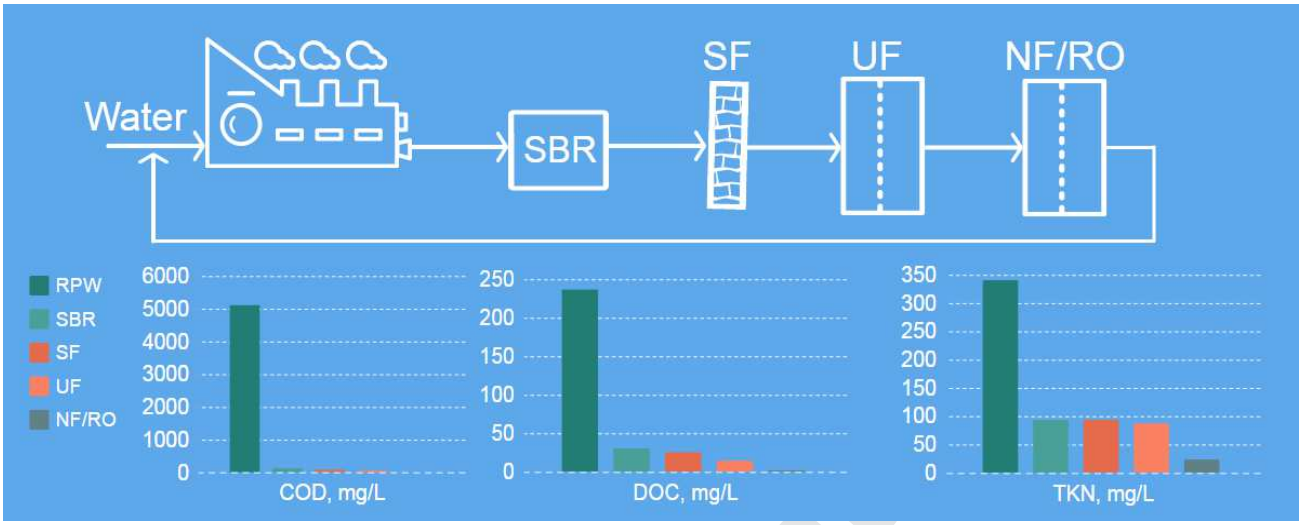
Graphical abstract



Highlights:

- Application of membrane technologies for the reuse of rendering plant wastewater.
- UF membranes effectively reduced COD, DOC and turbidity.
- NF/RO permeates were suitable for reuse in the rendering plant.
- Significant decrease of water consumption could be achieved.
- Sand filtration pre-treatment significantly increased the UF water flux.

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