Accepted Manuscript

Title: Understanding the risk of scaling and fouling in hollow fiber forward osmosis membrane application

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PII: S0957-5820(16)30109-4

DOI: http://dx.doi.org/doi:10.1016/j.psep.2016.06.023

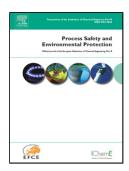
Reference: PSEP 811

To appear in: Process Safety and Environment Protection

Received date: 3-2-2016 Revised date: 11-6-2016 Accepted date: 15-6-2016

Please cite this article as: Majeed, T., Phuntsho, S., Jeong, S., Zhao, Y., Gao, B., Shon, H.K., Understanding the risk of scaling and fouling in hollow fiber forward osmosis membrane application, *Process Safety and Environment Protection* (2016), http://dx.doi.org/10.1016/j.psep.2016.06.023

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ACCEPTED MANUSCRIPT

Understanding the risk of scaling and fouling in hollow fiber

forward osmosis membrane application

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- Driving force in FO does not remain constant unlike in pressured membrane
 processes.
- UF/RO fouling assessment method may not be suitable for FO.
- An alternate fouling evaluation process is suggested for FO membrane application.
- In active layer–draw solution, rapid flux decline is not linked to FO fouling.
- The crossflow rate plays an important role for varying fouling effects for FO.

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