

Tentative title:

**Depletion of VOC in wastewater by vacuum membrane distillation using a dual-layer
membrane: mechanism of mass transfer and selectivity**

Jianhua Zhang^{*,1}, Na Li², Derrick Ng³, Ikechukwu A. Ike¹, Zongli Xie³, Stephen Gray^{*,1}

1. Institute for sustainability and Innovation, College of Engineering and Science, Victoria University, Melbourne, Australia
 2. School of Chemical Engineering and Technology, Xi'an Jiaotong University, Xi'an, Shaanxi 710049, P.R. China
 3. Manufacturing, CSIRO, Australia
- *. Corresponding author

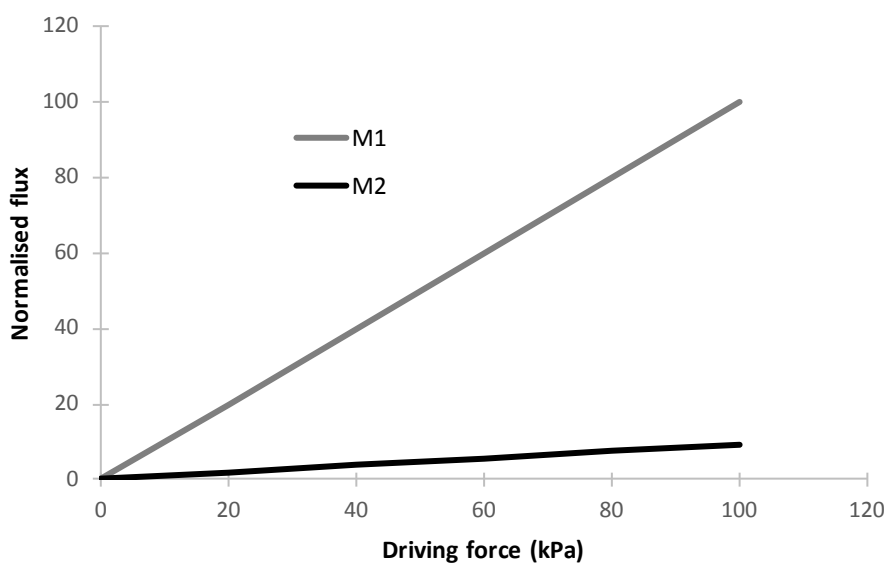


Figure 1S: Normalised flux variation with mass transfer driving force of M1 and M2 membranes