

**Contents**

- 1 Adsorptive removal of manganese(II) from the aqueous phase using iron oxide coated sand  
**R. Buamah, B. Petrusevski and J. C. Schippers**
- 13 Water treatment simulators  
**J. Dudley, G. Dillon and L. C. Rietveld**
- 23 Neural networks and genetic algorithms in membrane technology modelling  
**S. Strugholtz, S. Panglisch, J. Gebhardt and R. Gimbel**
- 35 UV absorbance ratio index with size exclusion chromatography (URI-SEC) as an NOM property indicator  
**Namguk Her, Gary Amy, Jinsik Sohn and Urs von Gunten**
- 45 Dynamic modelling for optimisation of pellet softening  
**K. M. van Schagen, L. C. Rietveld and R. Babuška**
- Practical paper**
- 57 Pilot plan protocol for optimization of UV dose required to obtain an appropriate municipal wastewater disinfection  
**I. Salcedo Dávila, J. A. Andrade Balao, J. M. Quiroga Alonso and E. Nebot Sanz**

