

References

- Manharawy S. E. and A. Hafez, *Desalination*, 139(2001)97.
- Silva, K. P L. E., “*Groundwater Exploration in Hambantota District*”, WRB.
- Lonsdale, H., Merten, U., and Riley, R., *Transport Properties of Cellulose Acetate Osmotic Membranes*, *Journal of Applied Polymer Science*, 9, 1341 (1965)
- Soltanich., and Gill, W., *Review of Reverse Osmosis Membranes and Transport Models*, *Chemical Engineering Communications*, 12, 279 (1981).
- Bhattacharyya, D., and Williams, M., *Theory – Reverse Osmosis*”, in *Membrane Handbook*, W. Ho and K. Sirkar, eds., pp. 269-280, Van Nostrand Reinhold, New York (1992c).
- Rautenbach R. and Albrecht R., *Membrane Processes*, John Willy and Sons, Chichester (1989)
- Abdul Sattar Kahdim, Saleh Ismail, Alaa Abdulrazaq Jassim, *Desalination*, 158(2003) 323-329
- Parsons R., *Handbook of Electrochemical Constants*, Butterworths, London (1959)
- Arnold, E., Greenberg, Lenore, Clesceri, S., Andrew, Eaton, D., *Standard Methods*, 18 edition (1992)
- Dissanayake, C.B.; Weerasuriya, S.V.R., *the Hydro-geo-chemical Atlas of Sri Lanka*, NRESASI. (1985)

11. Sri Lanka Standards Institution; Specification for potable water; SLS 614; Part 1:(1983);
12. Sri Lanka Standards Institution; Specification for Bottled (Packaged) drinking water (second revision); SLS 894 :(2003)
13. Kulatunga, N., *Hydrology of a Metamorphic Rock Terrain- Case Study From Humbantota*, WRB, Sri Lanka
14. Merten, U., *Transport Properties of Osmotic Membranes*, in *Desalination by Reverse Osmosis*, U.Mertcin, ed., pp. 15-54, MIT Press, Cambridge, Mass. (1966)
15. Jonson, G., Boesen, C., *Water and Solute Transport Trough Cellulose Acetate Reverse Osmosis Membranes*, *Desalination*, 17, 145 (1975).
16. Dickson, J., *Fundamental Aspects of Reverse Osmosis*, in *Reverse Osmosis Technology* B. Parekh, ed., pp. 1-51, Marcel Dekker, Inc., New York (1988)
17. Mehdizadeh, H., Dickson, J., and Ericksson, P., *Temperature Effects on the performance of Thin film Composite, Aromatic Polyamide Membranes²*, *Industrial and Engineering Chemistry Research* , 28 814 (1989)
18. Bhattacharryya, D., and Cheng, C., *Separation of Metal Chelates by Charged Composite Membranes*, in *Recent Developments in Separation Science*, 9 N. Li, ed., p. 707, CRC Press, Boca Raton, FL (1986)
19. Matthiasson, E., and Sivik, B., *Concentration Polarization and Fouling*, *Desalination*, 35, 59 (1980)

Gekas, V., and Hallstrom, B., *Mass Transfer in the Membrane Concentration Polarization Layer under Turbulent Cross Flow*, Journal of Membrane Science, 30, 153 (1987)

Dr. William T. Andrews (Managing Director), Mr. Scott A Shumway (Consulting Engineer); DesalCo Limited; Design Study of a 20,000m³/day Seawater Reverse Osmosis Work Exchanger Energy Recovery System; <http://www.DesalCo.com>

Mulder, M., *Basic Principles of Membrane Technology*, 2.th ed. (1998) Kluwer Academic Publishers, ISBN 0-7923-4248-8

Shaw, D.J., *Colloid & surface chemistry*, Butterworth-Heinemann, fourth edition (1992), ISBN 0-7506-1182-0

Refocus- JUL/AUG 2001-*Desalination Powered by Renewable Energy Sources*

Furukawa/Leitz, California Water Desalination Task Force, "Desalination Technology Working Paper" (Draft Revision 9/15/2003)

Andrea Lovato, Carlos Legorreta, Eva Andersson.,; *Heat Recovery from Sulphuric acid Plants for Seawater Desalination*, Desalination 136 (2001) 159-168

Dap Hartmann, *Cold no Sweat*, Further Scientific News by TU Delft, 2003-4

Wangnick, K., 2002 IDA Worldwide Desalting Plants Inventory Report No. 17. Wangnick Consulting GmbH, Gnarrenburg, Germany, 2002.

Niels Peder Raj Andersen, *Membrane Technology*, Chapter 6a.

Michael E. Williams, Ph.D., P.E., *A review of Reverse Osmosis Theory*, 2003 Williams Engineering Services Company, Inc., <http://www.wescinc.com>

- 1 California Coastal Commission, Seawater Desalination in California, Chapter 1
- 22 F. Cesar Lopez, Jr., Senior Water Resource Specialist, San Diego Water Authority, Seawater Desalination Slide Show
- 23 Barbara Kneen, Ann Lemley, and Linda Wagenet, Reverse Osmosis Treatment of Drinking Water, Water Treatment Notes, Cornell Cooperative Extension, New York State College of human Ecology, Fact sheet 4, December 1995.
- 24 Sourirajan, S., and Matsuura, T., Reverse Osmosis/ Ultra filtration Principles, National Research Council of Canada, Ottawa, Canada (1985).
- 25 Mehdizadeh, H., and Dickson, J., *Modelling of Temperature effects on the Performance of Reverse Osmosis Membranes*, Chemical Engineering Communications, 103, 99 (1991).
- 26 Bhattacharyya, D., Williams, M., Ray, R., and McCray, S., *Reverse Osmosis*, in Membrane Handbook, W. Ho and K.Sirkar, eds., pp. 263-390, Van Nostrand Reinhold, New York (1992)
- 27 Bhattacharyya, D., Barranger, T., Jevtitch, M., and Greenleaf, S., *Separation of Dilute Hazardous Organics by Low Pressure Composite Membranes*, EPA Report, EPA/600/87/053 (1987)
- 28 Sri Lanka 1:50,000, Timbolketiya, Sheet 82 Series A. B. M. P., Edition 1, Prepared and Printed by the Survey Department of Sri Lanka under the Agricultural Base Mapping Project, First Edition 1985, Revised 2002, Reprinted 2003
- 29 Reverse Osmosis, Chemical Engineering, June 11, 1984, pp 65-77
- 30 CA Desalination Task Force, July 30, 2003.

Masahiro Murakami, *Managing Water for Peace in the Middle East- Alternative Strategies*, United Nations University, 1995.

Census and Population and Housing 2001, Hambantota District Final Results, Department of Census and Statistics-Sri Lanka,(2001)

Andrews, W. T and Bergman, R.A. *The Malta Seawater RO Facility*, International Desalination Association, (1983)

William Andrews, Kenneth Crowley, Rick Mc Taggart, Scott Shumway, Derek Wooley, "Installation of a new Seawater Desalination Plant at Lover Valley, an Grand Cayman", KAE Curacao,(1998)

William Andrews, Scott Shumway, Bryan Russell "Design of a 10.000 cu- m/d Seawater Reverse Osmosis Plant on New Providence Island, the Bahamas" Caribbean Water and Wastewater Association, (1995)

Eddie C. Livingston, "Considerations for Brackish Groundwater Use as a Water Supply for small Water Systems and Municipalities", Brackish Groundwater Aquifer Assessment Workshop Albuquerque, NM, (2004)

