

REFERENCES

- Adham, S.H., Jacangelo, and Laine, J.M. (May, 1996). Characteristics And Costs of MF And UF Plants. *Jour. AWWA*. pp 22-31.
- Anderson, J.E., Springer W.S. and Strosberg G.G. (1981). Application of Reverse Osmosis to Automotive Electrocoat Paint Wastewater Recycling. *Desalination*, 36 p179-188
- Anon. (1993). Ecopaint: A Completely Recyclable Water Borne Paint System". *JOCCA Journal of the Oil and Colour Chemists' Association*, Surface Coating International 76: (3) pg. 116-118
- Asano, T. and Madancy, R.S. (1982). Water Reuse. E.J. Middlebrooks (ed) Ann Arbor Sci. Publishers, Inc. Ann Arbor. MI.
- Adin, A. and Asano, T. (1998). The Role of Physical-Chemical Treatment in Wastewater Reclamation and Reuse. *Water Sci. Tech.* Vol 37, n 10, p 79(12)
- Aimar, P and Howell, J.A. (1989). Effect of Concentration Boundary Layer Development On The Flux Limitations in Ultrafiltration. *Chem. Eng. Res. Des.* 67, 225-261
- Aya, H. (1994). Modular Membrane for Self Contained Reuse Systems. *Water Quality International*, 4, 21-22
- Bell, G. and Cousins, R.B. (1994). Membrane Separation Processes. Engineering Processes For Bioseparations. Lawrence, R.W. (ed). Butterworth-Heinemann
- Bilstad, T. (1997). Membrane Operations. *Water Sci. Tech.* Vol 36, No 2-3, pp 17-24
- Briggs, M.A. (1977). Paint Research Association Technical Report TR14177. Paint Research Association, Teddington, U.K.
- Brandon, C.A., Nashar, A. E., and Porter, J.J. (1975). Reuse of Wastewater Renovated by Reverse Osmosis in Textile Dyeing. AIChE/Epa 2nd Natl. Conf. on Complete Water Reuse: Water's Interface with Energy, Air and Solids.
- Buckley, C.A. (1992). Membrane Technology for the Treatment of Dyehouse Effluents. *Water Science Technology*, Vol. 25, NO. 10 pp 203-209
- Council on Environmental Quality (1987-88). The 18th Annual Report of the Council on Environmental Quality. U.S. Government Printing Office, Washington D.C., pp 116, 117.
-

- Cohen, H. (1975). The Use of Ultrafiltration Membranes in the Treatment of Textile Dyehouse Waste Effluent. Aiche/Epa 2nd Natl. Conf. on Complete Water Reuse: Water's Interface with Energy, Air and Solids.
- Chen, W. and Horan, N.J. (1997). The Treatment of a High Strength Pulp And Paper Mill Effluent For Wastewater Re-use. *Environmental Technology*, Vol. 19 pp 173-182
- Chaize, S. and Huyard, A. (1991). Membrane Bioreactor on Domestic Wastewater Treatment Sludge Production and Modelling Approach. *Wat. Sci. Tech.* 23, 1591-1600.
- Chen, W. and Horan, N.J. (1998). The Treatment of a High Strength Pulp And Paper Mill Effluent For Wastewater Re-use. *Environmental Technology*, Vol. 19 pp 861-871
- Clark, M.M. and Srivasta, R.M. (1993). Mixing and Aluminium Precipitations. *Environmental Science Technology*, 27: 2181-2189
- Caughman, G.M. (1992). "Personal Communication". Domestic Wastewater Division, Bureau of Water Pollution Control, Colombia, SC.
- Culp/Wesner/Culp (1979). Water Reuse and Recycling, Evaluation of Needs and Potential. OWRT/RU/79, Vol. 1 and 2, Office of Water Research and Technology, Department of Interior, Washington D.C. pp 44-47
- Durham, B. (1997). Waste Water Reuse – A Sustainable Solution. *Environmental Protection Bulletin* 046 p.3
- Easter, K.W. and Hearne, R. (1995). Water Markets and Decentralised Water Resources Management: International Problems and Opportunities. *Water Resources Bulletin*, American Water Resources Association. Vol 31 NO. 1 pp 9-20
- Feledy, J.A. and Antonucci, E.M. (1981). Effective Treatment Of paint Waste. *Journal of Coatings Technology*, 53(679) 71-74
- Feigin, A., Ravina, I., and Shalhevet, J. (1991). Irrigation with Treated Sewage Effluent. *Springer – Verlag*, New York, Chap. 4.
- Field, R. W., Wu, D., Howell, J.A. and Gupta, B.B. (1995). Critical Flux Concept For Microfiltration Fouling. *J. of Mem Sci.*, 100. 259-272
- Gillatt, J. (1991). The Microbiological Spoilage of Emulsion Paints During Manufacture and its Prevention". *JOCCA Journal of the Oil and Colour Chemist' Association*, Surface Coating International.
- Gregory, J. (1978). Flocculation by Inorganic Salts. The Scientific Basis of Flocculation, K.J. Ives (ed). Sijthoff and Noordhoff, Alphen den Rijn, The Netherlands.
-

Hunt, W.J. (1975). Wastewater Reuse: Recovery and Recycle of Pollutants. AIChE/Epa 2nd Natl. Conf. on Complete Water Reuse: Water's Interface with Energy, Air and Solids.

Hart, O.H. and L.R.J. Van Vuuren (1977). Water Reuse in South Africa. Water Renovation and Reuse. H. Shuval (ed) Academic Press, New York, pp 355-394

Higgins, T.E. (1989). Hazardous Waste Minimisation Handbook. Lewis Publishers, Michigan. p. 75

Howell, J.A. (1992). Fouling and Process Design. Recent Progress en Genie des Proceds. Vol. 6. No. 22

Huang, C.P. and Blakenship, D.W. (1984). The Removal of Mercury (II) From Dilute Aqueous Solution by Activated Carbon. *Water Research*, 18(1): 37-46

Jaafar, A.B. (1995). Environmental Management in the Malaysian Corporate World 2020. Environmental Management and Auditing in Malaysia 95 Conference, Kuala Lumpur, Malaysia

Jabatan Alam Sekitar, Kementerian Sains Teknologi dan Alam Sekitar (1998). "Personal Communication". Program Pengurusan Buangan Terjadual – 'Malaysia Agenda for Waste Reduction' – MAWAR.

Kalthem, M.S. and Ahmed M. Jamaan. (1988). Plans for Reuse of Wastewater Effluent in Agriculture and Industry in the Kingdom of Saudi Arabia". Treatment and Usage of

Kimura, S. (1991). Japan's Aqua Renaissance 90 Project. *Wat. Sci. & Tech.*, 23, 1573-1592.

Kwon, D.Y.; Vigneswaran, S.; and Ngo, H.H. (1997). An Enhancement of Critical Flux in Crossflow Microfiltration with Pretreatment of Floating Medium Flocculator/Prefilter. *Wat. Sci. Tech.* Vol. 36, No. 12, pp 267-274

Kwon, D.Y., Vigneswaran, S., Ngo, H.H., Ben Aim R., fane A.G. and Shin H.S. (1996). Experimental Study on Critical Flux in Crossflow Microfiltration. Proceedings of the International Membrane Science and Technology Conference. Vol. 2

Licsko, I. (1997). Realistic Coagulation Mechanisms in the use of Aluminium and Iron (III) salts. *Wat. Sci. Tech.* Vol. 36, No. 4, pp 103-110

Mattson, S. (1928). Cataphoresis and the Neutralisation of Colloidal Material. *Jour. Phys. Chem.*, 32 1532-1540.

Muller, E.B., Stiuthamer, A.H., Verseveld, H.W.van and Eikelboom, D.H. (1995). Aerobic Domestic Wastewater Treatment in a Pilot Plant With complete Sludge Retention by Cross-Flow Filtration. *Wat. Res.*, 29 (4) 1179-1189.

- Opperman, R. A. and Goll, M. (1984). Presence and Effects of Anaerobic Bacteria in Water-Based Paint. *JCT*, 56(712) 51
- Packham, R.F. (1962). The Coagulation Process II. Effect of pH on the Precipitation of Aluminium Hydroxide. *Jour. Appl. Chem.*, 12, 564-572
- Priesing C.P. (1962). A theory for coagulation useful for design. *Industrial and Engineering Chemistry*, Vol. 54, No. 8, pp38-45
- Parthasarathy, N and Buffel, J. (1985). Study of Polymeric Aluminium(III) Hydroxide Solution for Application in waste Water Treatment. Properties of the Polymer and Optimal Conditions of Preparation. *Wat. Res.*, 19, 25-35.
- Rhodda, J.C. (1995). Whither World Water. *Water Resources Bulletin*, American Water Resources Association. Vol. 31, No. 1 pp1-7
- Sewage Effluent for Irrigation. M.B. Pescod and A. Arar, (eds) Butterworths, London, Chap. 22, pp273-283
- Springer, M.A. and Marshall, D.W. (1975). Progress With Water Recycling in Nonintegrated Fine Paper And Board manufacturing Operations. AIChE/Epa 2nd Natl. Conf. on Complete Water Reuse: Water's Interface with Energy, Air and Solids.
- Smith, M. (1997). A Brief History of Waste Minimisation. *Environmental protection Bulletin*, 048 p 8
- Skinner, C.E. (1970). *Paint Oil Colour Journal*, p 157-177
- Turkman, A. (1991). Polymer Application Examples in Industrial Wastewater Treatment. New Developments in Industrial Wastewater Treatment, Kluwer Academic Publishers. p93-109
- U.S. Water Resources Council (1978). The Nation's Water Resources 1975 – 2000, Vol. 1 Summary. U.S. Government Printing Office, Washington D.C., p 29.
- Weber, W.J.Jr. and B.M. Van Vliet, (1980). Fundamental Concepts for Application of Activated Carbon in Water and Wastewater Treatment. Vol. 1 I.H. Suffet and M.J. McGuire, (eds) Ann Arbor Sci. Publishers, Inc. Ann Arbor. MI.
- Zoller, V. (1984). Detergents in Treated Municipal Wastewaters Reused for Irrigation, Industrial Recycling, and Aquifer Recharge. Proc. Water Reuse Symposium III, AWWA Research Foundation, Denver, CO. p 1163.