

**REFERENCES**

1. Abdullah, K. and Jusoh, J. (1996). An appraisal of Malaysia's water resource: problem's and prospects, In: *State of the Environment in Malaysia*. A Compilation of Selected papers presented at the CAP-SAM National Conference, 5-9th January 1996, Penang.
2. Agamuthu, P. (1999). Characteristics of municipal solid waste and leachate from selected landfills in Malaysia: *Malaysian Journal of Science*, **18**: 99-103.
3. Agamuthu, P. (1997). Solid waste characterization and quantification, In: *Effective Solid Waste Management*, [eds] Agamuthu, P. and Nather, K., Ecotone Management Sdn Bhd, pp 2-4 - 2-13.
4. Alam Flora Sdn Bhd (1998). Handouts on Recycling.
5. Andrew, F. (1996). The freshwater environment, In: *Managing Environmental Pollution*, Routledge Publishing, London, pp 115-116.
6. APHA, AWWA and WPCF (1985). *Standard Methods for the Examination of Water and Wastewater*, 16th edition, Washington DC. (American Public Health Association, American Water Works Association and Water Pollution Control Federation, 1985).
7. Bagchi, A. (1994). Natural Attenuation in Landfills, In: *Design, Construction, and Monitoring of Sanitary Landfill*, John Wiley and Sons, New York, pp 73-107.
8. Bingemer, H.G. and Crutzen, P.J. (1987). The production of methane from solid waste: *J. Geophys. Res.*, **92**: 2182-2187.

9. Boyle, W.C and Ham, R.K. (1974). Treatability of leachate from sanitary landfill: *Journal of Water Pollution Control Federation*, **46(5)**: 860-872.
10. Cheung, K.C., Chu, L. M. and Wong, M.H. (1993). Toxic effect of landfill leachate on microalgae: *Water, Air and Soil Pollution*, **69**: 337-349.
11. Coe, J.J (1970). Effects of solid waste disposal on groundwater quality: *J. Water Works Association*, **62(12)**:776-783.
12. Cossu, R. (1989). Role of landfilling in solid waste management, In: *Sanitary Landfilling: Process, Technology and Environmental Impact*, [eds.] Christensen, T.H., Cossu, R. and Stegmann, R. , Academic Press, Harcourt Brace Jovamovich Publishers, pp. 3-9 .
13. DOE (1998). *Malaysia Environmental Quality Report*, Department of Environment, Ministry of Science, Technology and the Environment Malaysia, Maskah Sdn. Bhd.
14. Douglas, A.H. (1998). Materials balance for municipal solid waste management: *Journal of Environmental Engineering*, **124(1)**, pp 67-75.
15. El-Fadel, M., Findikakis, A. N. and Leckie, J.O. (1997). Modelling leachate generation and transport in solid waste landfills: *Environmental Technology*, **18**: 669-686.
16. Elias, S. *New Straits Times* (14.7.98). Three Firms To Be Charged Under EQA.
17. Emberton, J.R. (1986). The biological and chemical characterization of landfills, In: *Energy from Landfill Gas*, [eds] Emberton, J.R. and Emberton, R.F., Solihull, UK, pp 150-163.

18. Gary, W.H. (1996). Microbiology and epidemiology, In: *Environmental Science and Engineering*. (eds) Henry, J.G and Heinke, H.W., Prentice Hall, 2nd edition, pp 287-288.
19. Gomes, M. (1997). Wasteful thinking, In: *Green Wave*, **2(1)**, June-Sept 1997, pp 36-37.
20. Griffin, R.A. and Shimp, N.F. (1975). Interaction of clay minerals and pollutants in municipal leachate, In: *Proceedings of the Second National Conference on Complete Water's Interface with Energy, Air and Solids*, pp 801-805.
21. Halvadakis, C.P., Robertson, A.P. and Leckie, J.O. (1983). *Landfill Methanogenesis: Literature Review and Critique*, Technical Report 271, Department of Civil Engineering, Stanford University, Stanford, CA .
22. Harmsen, J. (1983). Identification of organic compounds in leachate from a waste tip: *Water Resources*, **17(6)**: 699-714.
23. Harper, S.R. and Pohland, F. G. (1988). Landfilling lessening environmental impacts : *Civil Engineering*, **58(11)**: 66-69.
24. Harry, V.L. (1975). An overview of heavy metals in surface water, In : *Proceedings of the Second National Conference on Complete Water's Interface with Energy, Air and Solids*.
25. Harsha, H.F. (1999). *Heavy Metal Distribution In Soil Environment Around A Landfill*, Masters in Technology (Environmental Management) Tesis, Institute of Post Graduate and Research, University Malaya, July 1999.

26. Hasan, M.A. (1996). Groundwater Resources: A Neglected Resource?, In: *State of the Environment in Malaysia*. A Compilation of Selected papers presented at the CAP-SAM National Conference, 5-9th January 1996, Penang.
27. Hassan, B. (1998). Municipal waste management, In: *The Encyclopedia of Malaysia*, [eds.] Sham Sani, pp116-117.
28. Hassan, M.N., Ghazali, A.W. & Chong, T.L. (1999). Overview of Solid Waste Disposal in the Federal Territory of Kuala Lumpur, In: *Proceedings of the Workshop on Disposal of Solid Waste through Sanitary Landfill - Mechanisms, Processes, Potential Impacts and Post-closure Management held at University Putra Malaysia on 25th-26th August 1999*, pp 1-22.
29. Hassan, M.N., Yusoff, M.K., Sulaiman, W.N. and Rahman, R.A (1998). Issues and problems of solid waste management in Malaysia, In: *Proceeding of the National Review on Environmental Quality Management in Malaysia: Towards the Next Two Decades*, Institute for Environment and Development (LESTARI), Bangi, pp 179-225.
30. Hassan, M.N. and Theng, L.C. (1999). Fundamental of sanitary landfill technology, In: *Proceedings of the Workshop on Disposal of Solid Waste through Sanitary Landfill - Mechanisms, Processes, Potential Impacts and Post-closure Management held at University Putra Malaysia on 25th-26th August 1999*, pp 271-282.
31. Henderson J.P., Besler, D.A., Atwater, J.A and Mavinic D.S. (1997). Treatment of methanogenic landfill leachate to remove ammonia using a

47. Melosi, M.V. (1981). *Garbage in the Cities*, Texas A& M University Press, College Station, TX, pp5-10.
48. Meybeck, M., Kusisto, E., Makela, A. and Malkki, E. (1996). Water quality, In: *Water Quality Monitoring*, Chapman & Hall, UK, pp 26-39.
49. Mizanur, R., Mohd. Nasir, H., Mohamed D. and Zohadie, B. (1999). A prototype expert system for characterizing landfill leachate and treatment processes, In: *Proceedings of the Workshop on Disposal of Solid Waste through Sanitary Landfill - Mechanisms, Processes, Potential Impacts and Post-closure Management held at University Putra Malaysia on 25th-26th August 1999*, pp 340.
50. Mohd Kamil, Y. (1999). Effect of solid waste landfill sites on surface water quality, In: *Proceedings of the Workshop on Disposal of Solid Waste through Sanitary Landfill - Mechanisms, Processes, Potential Impacts and Post-closure Management held at University Putra Malaysia on 25th-26th August 1999*, pp 173-180.
51. Nebel, B. J. and Wright R.T. (1998). Converting trash to resources, In: *Environmental Science*, Prentice Hall, New Jersey, 6<sup>th</sup> Edition, pp511-513.
52. Noor Mohamed, H., Mohd Nasir, H., Mohd Kamil, Y., Mizanur, R., Shantakumari, R. and Hanisah, M. (1999). Leachate quality and landfill Age: An Overview, In: *Proceedings of the Workshop on Disposal of Solid Waste through Sanitary Landfill - Mechanisms, Processes, Potential Impacts and Post-closure Management held at University Putra Malaysia on 25th-26th August 1999*, pp 184-192.

53. Nozhevnikova, A.N., Lebedev, V.S and Lifshitz, A.B. (1992). Microbiological processes occurring in landfills, In: *Proceedings of International Symposium On Anaerobic Digestion of Solid Waste*, Venice, Italy, pp 303-312 .
54. Owens, S. and Owens, P.L (1991). *Environment, Resources and Conservation*, Cambridge 'U' Press, Cambridge, U.K, pp 24-25.
55. Packham, R.F. (1993). Drinking Water: Future quality requirements: *Jour. Inst. Water and Environmental Management* 93, Conference paper.
56. Peter, A.K. and Vladimir, N. (1980). Physical and chemical parameters of water quality, In: *Water Quality Management*, Academic Press, London Ltd., pp 59-61.
57. Pollock, C. (1987). *Mining Urban Wastes: The Potential for Recycling*, Worldwatch Paper 76, Washington, DC, Worldwatch Institute, 1987.
58. Reinhart, D.R. (1995). Why wet landfills with leachate recirculation are effective In: *Landfill Closures: Environmental Protection and Land Recovery*, [eds.] Dunn, J.R and Singh, U.P., Geotech. Special Publishers, San Diego, CA. pp 93-99.
59. Rhyner, C.R., Schwartz, L.J., Wenger, R.B. and Kohrell., M.G. (1995). Landfilling of Waste, In: *Waste Management and Resource Recovery*, CRC Press, pp 278-281.
60. Robertson, J.M., Thoussaint, C.R. and Jorque, M.A. (1974). Organic compound entering groundwater from a landfill: *Env. Protect. Tech. Ser.*, EPA 660/2 74 077.

61. Robinson, H.D. (1989). Development of methanogenic conditions within landfills. *Paper presented at Sardinia 89' : Second International landfill Symposium, Porto Conte, Sardinia, Italy, 9-13 October, 1989.*
62. Sincero, A.P. and Sincero, G.A. (1996). Environmental engineering hydrology, In : *Environmental Engineering, A Design Approach*, Prentice Hall, pp 84,
63. Syed, R.Q. and Walter, C.(1994). Methods of landfilling and operation, In: *Sanitary Landfill Leachate: Generation, Control and Treatment*, Technomic Publishing Company, USA, pp 49-52.
64. Tchobanoglous, G., Thaeisen, H. and Virgil, S. (1993). *Integrated solid Waste Management Engineering Principle and Management Issue*, McGraw Hill, New York, pp 978.
65. Tchobanoglous, G., Theisen, H. and Eliassen, R. (1977). *Solid Waste: Engineering Principles and Management Issues*, McGraw Hill, New York, 1977.
66. Todd, D.K. and Mc Nulty, D.E (1976). *Polluted Groundwater*, Water Information Center, Inc. N.Y.
67. U.S. EPA. (1989). *Decision-makers Guide to Solid Waste Management*. EPA/530-SW89-072, Washington D.C.
68. U.S. Congress. (1989). *Facing America's Trash: What Next for Municipal Solid Wastes*, OTA-0-424, U.S. Government Printing Office, Washington, D.C.

69. U.S. EPA (1988b). *Solid Waste Disposal in the United States*, Vol . II, EPA/530-SW-88-011B, Report to Congress, Washington D.C.
70. U.S. EPA (1988a). *Criteria for Municipal Solid Waste Landfills*, EPA/530-SW-88-037, Office of solid Waste, operating Criteria (Subpart C), Washington, D.C.
71. U.S. EPA (1988c). *Criteria For Municipal Solid Waste Landfills; Case Studies On Groundwater And Surface Water Contamination From Municipal Solid Waste Landfills*, EPA/ 530-SW-88-040, Office of solid Waste.
72. U.S. EPA (1991). *Solid Waste Disposal Facility Criteria; Final Rule*, 40CFR Part II, 257 and 258, Subtitle D of the Resource Conservation and Recovery Act (RCRA).
73. UNEP (1994). Environmental Pollution, In: *Environmental Data Report*, United Nations Environmental Program, pp 62-64.
74. U.S. EPA (1999). *US Methane Emissions 1990-2020 : Inventories, Projections and Opportunities for Reductions*. EPA 430-R-99-013 ( <http://www.epa.gov/ghginfo>).
75. U.S. EPA (1992). *Characterization of Municipal Waste in the U.S., 1992 Update*, U.S. Environmental Protection Agency, EPA/530-R-92-019, 1992.
76. Vesilind, P.A., Pierce, J.J and Weiner, R.F (1994). Solid waste disposal, In: *Environmental Engineering*, Butterworth-Heinemann Publishing USA, pp 264.
77. Warmer Bulletin (2000). *Arkansas : 40% Recycling* In: Warmer Bulletin, January 2000, Number 70, pp12.



78. Weaver, L. (1964). Refuse disposal : Its significance: *Groundwater*, 2(1): 26-30.
79. Wentz, C. A. (1995). Landfill and injection well disposal, In: *Hazardous Waste Management*, Mc Graw Hill International, New York, pp 424-425.
80. William, N.C. (1996). Pollution and solutions: Air, Water and Land, In: *Introduction to Environmental Technology*, [eds] Neal, K.O., Prentice Hall, Ohio, pp 217-219.
81. World Health Organization (1970). *European Standards for Drinking Water*, WHO, Geneva, 1970.
82. World Health Organization (1984). *Guidelines for Drinking Water Quality*, WHO, Geneva, 1984.
83. World Health Organization (1993). *Guidelines for Drinking Water Quality*, WHO, Geneva, In Press, 1993.
84. Yasin, K. *Berita Harian* (14.11.97). Pencemaran Sungai Langat Perlu Diatasi Segera.

Turbidity
Total Coliform
Total Chloride
Total Dissolved Solids
Al (mg/l)
As (mg/l)
Ba (mg/l)
Cd (mg/l)
Hg (mg/l)