

Urban Stormwater Quality Evaluation and Management Publications

Drs. G. Fred Lee and Anne Jones-Lee

Listed below are recent papers and reports that Drs. G. Fred Lee and Anne Jones-Lee have developed on urban stormwater runoff water quality evaluation and management. Dr. G. Fred Lee has been working on urban stormwater quality issues since the mid-1960's. The publications presented below present the key findings of this work. A copy of those of interest is available from Dr. G. Fred Lee, PH: 916-753-9630; FAX: 916-753-9956; e-mail gfredlee@aol.com.

Lee, G.F. and Jones-Lee, A., "Deficiencies in Stormwater Quality Monitoring," IN: Proc. of an Engineering Foundation Conference, American Society of Civil Engineers, New York, NY pp. 651-662 (1994).

Lee, G.F. and Jones-Lee, A., "Stormwater Runoff Management: Are Real Water Quality Problems Being Addressed by Current Structural Best Management Practices? Part 1," Public Works, 125:53-55, 70-72 (1994), Part 2 126:54-56 (1995).

Jones-Lee, A. and Lee, G.F., "Achieving Adequate BMP's for Stormwater Quality Management," Proc. of the 1994 National Conference on Environmental Engineering, "Critical Issues in Water and Wastewater Treatment," American Society of Civil Engineers, New York, NY, pp. 524-531 (1994).

Lee, G.F. and Jones-Lee, A., "Evaluation and Management of Non-Point Source Pollutants in the Lake Tahoe Watershed," Proc. of the 1984 National Conference on Environmental Engineering, "Critical Issues in Water And Wastewater Treatment," American Society of Civil Engineers, New York, NY, pp. 516-523 (1994).

Lee, G.F. and Jones-Lee, A., "Water Quality Impacts of Stormwater-Associated Contaminants: Focus on Real Problems" IN: Proc. of First International IAWG Specialized Conference on Diffuse Pollution: Sources, Prevention, Impact and Abatement, Chicago, IL, pp. 231-240 (1993).

Lee, G.F. and Jones-Lee, A., "Suggested Approach for Assessing Water Quality Impacts of Urban Stormwater Drainage," IN: Symposium Proceedings on Urban Hydrology, American Water Resources Association Symposium November 1990, AWRA Technical Publication Series TPS-91-4, AWRA, Bethesda, MD (1991).

Lee, G.F. and Jones, R. A., "Will EPA's Nationwide Urban Runoff Study Achieve Useful Results?" Civil Engineering 51:86-87 (1981).

Lee, G.F. and Jones-Lee, A., "Unreliable Reporting of Water Quality Impairment by the US EPA's National Water Quality Inventory," Submitted for publication, Water Environment Federation, February (1996).

Lee, G.F. and Jones-Lee, A., "Independent Applicability of Chemical and Biological Criteria/Standards and Effluent Toxicity Testing," The National Environmental Journal, 5(1):60-63, (1995), Part II, "An Alternative Approach," 5(2):66-67 (1995).

Lee, G.F. and Jones-Lee, A., "Stormwater Runoff Quality Monitoring: Chemical Constituent vs. Water Quality," Accepted for publication, Public Works, May (1996).

Lee, G.F. and Jones-Lee, A., "Appropriate Use of Numeric Chemical Water Quality Criteria," Health and Ecological Risk Assessment, 1:5-11 (1995). Letter to the Editor, Supplemental Discussion, 2:233-234 (1996).

Lee, G.F. and Jones-Lee, A., "Valid Pollutant Credit Trading," Water Environment & Technology, 6:10 (1994).

Lee, G.F. and Jones-Lee, A., "Copper in San Francisco Bay: Where's the Problem?" Letter submitted to J. Caffrey, State Water Resources Control Board, by G. Fred Lee & Associates, El Macero, CA, 4pp (1994).

Lee, G.F., "Comments on 'The Santa Monica Bay Restoration Plan, September 1994' for Stormwater Runoff Water Quality Management," Report G. Fred Lee & Associates, (1995).

Lee, G.F., "Stormwater Detention Basins for Pollutant Removal," Submitted for publication, Journal of Environmental Engineering Division of ASCE, March (1995).

Lee, G.F. and Jones-Lee, A., "Stormwater Runoff Management: The Need for a Different Approach," WATER/Engineering & Management, 142:36-39 (1995); Part II: "Implementing Urban Stormwater Runoff Quality Management Regulations," WATER/Engineering & Management, 142:38-41 (1995).

Lee, G. F. and Jones-Lee, A., "Evaluation Monitoring for Stormwater Runoff Monitoring and BMP Development," Report of G. Fred Lee & Associates, El Macero, CA, 96pp (1996).

Lee, G.F. and Jones-Lee, A., "Comments on Interim Draft Advance Notice of Proposed Rulemaking US EPA 40CFR Part 131 (FRL-OW- ?) Water Quality Standards Regulation," Submitted to US EPA Office of Water, Water Quality Standards and Regulation Development, Washington, D.C., 15pp, May (1996).

Lee, G.F. and Jones-Lee, A., "Results of Survey on Water Quality Problems Caused by Urban and Highway Stormwater Runoff," Report of G. Fred Lee & Associates, El Macero, CA, 5 pp, June (1996).

Lee, G.F. and Jones-Lee, A., "Stormwater Runoff Quality Monitoring: Chemical Constituent vs. Water Quality," Accepted for publication, Public Works, May (1996).

Lee, G.F. and Jones-Lee, A., "Automobile Brake Pad Copper: Is There a Real Water Quality Problem? *An Example of an Inappropriate Approach for Developing a Stormwater Runoff Source Control BMP*," Report of G. Fred Lee & Associates, El Macero, CA, 18pp, June (1996).

Lee, G.F. and Jones-Lee, A., "Aquatic Chemistry/Toxicology in Watershed-Based Water Quality Management Programs," In: Proc. Watershed '96 National Conference on Watershed Management, Water Environment Federation, Alexandria, VA, pp. 1003-1006 (1996).

Lee, G.F. and Jones-Lee, A., "Water Column and Sediment Toxics Assessment and Management Issues for the Sacramento River Watershed," Report to Sacramento River Watershed Toxics Control Program, G. Fred Lee & Associates, El Macero, CA, 10pp, July (1996).

Lee, G.F. and Jones-Lee, A., "Assessing Water Quality Impacts of Stormwater Runoff," North American Water & Environment Congress, Published on CD-ROM, Amer. Soc. Civil Engr., New York, 6pp (1996).