

SUMMARY INFORMATION

NAME: G. Fred Lee

ADDRESS: 27298 E. El Macero Dr.
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SOCIAL SECURITY:
573-42-8765

DATE & PLACE OF BIRTH:
July 27, 1933
Delano, California, USA

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EDUCATION

Ph.D. Environmental Engineering & Environmental Science, Harvard University, Cambridge, Mass. 1960
M.S.P.H. Environmental Science-Environmental Chemistry, School of Public Health, University of North Carolina, Chapel Hill, NC 1957
B.A. Environmental Health Science, San Jose State University 1955

ACADEMIC AND PROFESSIONAL EXPERIENCE

Current Position:

Consultant, President G. Fred Lee and Associates

Previous Positions:

Distinguished Professor, Civil and Environmental Engineering,
New Jersey Institute of Technology, Newark, NJ 1984-89
Senior Consulting Engineer, EBASCO-Envirosphere, Lyndhurst, NJ (part-time)
1988-89
Coordinator, Estuarine and Marine Water Quality Management Program,
NJ Marine Sciences Consortium Sea Grant Program 1986-1988
Director, Site Assessment and Remedial Action Division, Industry
Cooperative Center for Research in Hazardous and Toxic Substances,
New Jersey Institute of Technology et al., Newark, NJ 1984-1987
Professor, Department of Civil and Environmental Engineering, Texas Tech
University 1982-1984
Professor, Environmental Engineering, Colorado State University 1978-1982
Professor, Environmental Engineering & Sciences; Director, Center of
Environmental Studies, University of Texas at Dallas 1973-1978
Professor of Water Chemistry, Department of Civil & Environmental
Engineering, University of Wisconsin-Madison 1961-1973

Registered Professional Engineer, State of Texas, Registration No. 39906

PUBLICATIONS AND AREAS OF ACTIVITY

Published over 650 professional papers, chapters in books, professional reports, and similar materials. The topics covered include:

Studies on sources, significance, fate and the development of control programs for chemicals in aquatic and terrestrial systems.

Analytical methods for chemical contaminants in fresh and marine waters.

Landfills and groundwater quality protection issues.

Impact of landfills on public health and environment.

Environmental impact and management of various types of wastewater discharges including municipal, mining, electric generating stations, domestic and industrial wastes, paper and steel mill, refinery wastewaters, etc.

Stormwater runoff water quality evaluation and BMP development for urban areas and highways

Eutrophication causes and control, groundwater quality impact of land disposal of municipal and industrial wastes, environmental impact of dredging and dredged material disposal, water quality modeling, hazard assessment for new and existing chemicals, water quality and sediment criteria and standards, water supply water quality, assessment of actual environmental impact of chemical contaminants on water quality.

LECTURES

Presented over 600 lectures at professional society meetings, universities, and to professional and public groups.

GRANTS AND AWARDS

Principal investigator for over six million dollars of contract and grant research in the water quality and solid and hazardous waste management field.

GRADUATE WORK CONDUCTED UNDER SUPERVISION OF G. FRED LEE

Over 90 M.S. theses and Ph.D. dissertations have been completed under the supervision of Dr. Lee.

ADVISORY ACTIVITIES

Consultant to numerous international, national and regional governmental agencies and industries.

SUMMARY RESUME

NAME: Anne Jones-Lee TELEPHONE: 916/753-9630
FAX: 916/753-9956

ADDRESS: 27298 E. El Macero Dr. PLACE OF BIRTH:
El Macero, CA 95618-1005 Menominee, Michigan, USA

EDUCATION

- Ph.D. Environmental Sciences, The University of Texas at Dallas, Richardson, TX, 1978.
Areas of Specialization: Aquatic Toxicology/Chemistry, Aquatic Biology, Water Quality
Evaluation and Management
- M.S. Environmental Sciences, The University of Texas at Dallas, Richardson, TX, 1975
- B.S. Biology, Southern Methodist University, Dallas, TX, 1973

ACADEMIC AND PROFESSIONAL EXPERIENCE

CURRENT POSITION

Vice President, G. Fred Lee & Associates

PREVIOUS POSITIONS

- 1984 - 1989 Associate Professor of Civil and Environmental Engineering (tenured), New
Jersey Institute of Technology, Newark, NJ
- 1988 - 1989 Consulting Engineer, Ebasco-Envirosphere, Lyndhurst, NJ (part-time)
- 1984 - 1988 Director of Environmental Engineering Laboratories, Department of Civil and
Environmental Engineering, NJIT, Newark, NJ
- 1982 - 1984 Research Associate and Lecturer, Department of Civil Engineering, Texas Tech
University, Lubbock, TX
- 1982 Coordinator for Aquatic Biology, Fluor Engineers Advanced Technology Division,
Irvine, CA
- 1978 - 1981 Research Assistant Professor, Department of Civil Engineering, Colorado State
University, Fort Collins, CO
- 1973 - 1974 Research Technician, Frito-Lay Research and Development Laboratory Irving, TX

SUMMARY OF PROFESSIONAL REPORTS AND PUBLICATIONS

Published more than 135 professional papers, and co-authored 200 reports and occasional papers. Topic areas addressed include:

* Sources, significance, fate, and control of chemical contaminants in fresh water, marine, and estuarine systems

* Environmental impact of various types of wastewater discharges including mining, electric generating station, domestic, and industrial

* Causes and control of eutrophication; groundwater quality; impact of land disposal of municipal and industrial wastes; environmental impact of dredging and dredged sediment disposal; water quality modeling; hazard assessment of new and existing chemicals; water quality criteria and standards; water supply water quality; assessment of actual environmental impact of chemical contaminants on water quality; toxicity of sediments; impact of landfills on environmental quality

SUMMARY OF PROFESSIONAL PRESENTATIONS

Presented 45 lectures and professional papers at professional society meetings, short courses, universities, public service groups, and national and international conferences.

PROFESSIONAL SOCIETY MEMBERSHIP AND ACTIVITIES

American Chemical Society

American Fisheries Society

American Public Health Association

American Society for Civil Engineers

American Society for Limnology and Oceanography

American Society for Testing Materials Committee E-47 on Biological Effects and Environmental Fate

American Water Works Association; Past secretary and co-chairperson of Quality Control in Reservoirs Committee

Sigma Xi

Society of Environmental Toxicology and Chemistry

Society of Women Engineers

Water Pollution Control Federation; Co-Chairman, Water Pollution Control Federation Standard Methods Subcommittee, "Interpretation and Application of Bioassays," 1979-1988

AWARDS

Charles B. Dudley Award - American Society for Testing and Materials award for contribution to, Hazardous Solid Waste Testing, "Application of Site-Specific Hazard Assessment Testing to Solid Wastes," published (1984).

1986 Best Paper of the Year - American Water Works Association Resources Division award for paper published in the Journal, "Is Hazardous Waste Disposal in Clay Vaults Safe?" (1986)

TEACHING EXPERTISE AND EXPERIENCE

Microbiological Aspects of Environmental Engineering

Introductory Chemical Aspects of Environmental Engineering

Aquatic Toxicology

Water and Wastewater Analysis