



JIM TARR

President

501 Deep Valley Drive # 210
Rolling Hills Estates, CA 90274
(310) 377-6677 Phone
(310) 377-1172 Fax
www.stonelions.com

SUMMARY OF QUALIFICATIONS:

More than thirty-nine years experience as an Environmental Engineer in the areas of air pollution evaluation and control; hazardous waste evaluation, management, and remediation; past and current toxic chemical and air pollution exposure assessment; and environmental sampling and analysis. Several decades of experience conducting technical work in the legal field.

PROFESSIONAL ENGAGEMENTS:

Stone Lions Environmental Corporation, (1993-Present) - President
Simon Hydro-Search, (1990-1992) - Vice President
Toxcon Engineering Company, Inc., (1978-1990) - President
Texas Air Control Board, (1972-1978) - Engineer
Monsanto Company, (1969-1972) - Process Engineer

EDUCATION:

Master of Chemical Engineering, University of Houston, Houston, TX - 1976
B.S., Chemical Engineering, University of Texas, Austin, TX - 1969

LICENSE:

Professional Engineer, Texas

CERTIFICATIONS:

Diplomate, American Academy of Environmental Engineers
Certified Hazardous Material Manager at the Masters Level (inactive)

PROJECT EXPERIENCE:

Performed technical evaluations of the community exposure to lead air emissions associated with the Doe Run primary lead smelter in the small town of Herculaneum, Missouri, which ended in a \$358.5 million jury award subsequent to a three-month trial.

Performed a critical investigation of certain air emission regulatory issues and violations related to the isomerization unit in the BP Refinery in Texas City, Texas, after an explosion and fire killed 15 people and injured at least 170 more on March 23, 2005. The work culminated in court testimony in Galveston, Texas, in the summer of 2008.



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Conducted an evaluation of toxic chemical exposure problems in a community that was built in the 1960s on a former Shell Oil Company tank farm. The project included ambient air, indoor and outdoor air sampling, and data analysis.

Conducted a wind tunnel study and an air dispersion modeling analysis of several toxic chemical air emission sources on and near Beverly Hills High School.

Designed and implemented an ambient air-monitoring project in a community located adjacent to a major oil field in Hobbs, New Mexico.

Evaluated elevated levels of mercury in the ambient air linked to an estimated 7,100 metric ton mercury release into the Carson River basin near Fallon, Nevada. The work included ambient air, indoor air, soil and dust collection, and data analysis.

Developed an analysis of the toxic chemical issues associated with a warehouse fire. The work culminated in an air dispersion modeling analysis that quantified neighborhood toxic chemical exposure in the City of Phoenix as well as a qualitative determination of the neighborhoods most impacted. The fire was one of the largest in the history of the City of Phoenix.

Performed technical evaluations of proposed commercial incinerator facilities for the cities of Corpus Christi, Texas City, La Porte, and Houston, Texas.

Conducted air quality evaluations for proposed municipal landfills in Garland, College Station, and Houston, Texas; Pindall, Arkansas; and Santa Clarita, California.

Conducted a complete environmental engineering evaluation of a commercial industrial waste incineration facility in Baton Rouge, Louisiana.

Conducted air emission evaluations of commercial municipal landfills in Rolling Hills Estates, West Covina and Granada Hills, California; New Orleans, Louisiana; Sinton, Texas; and Danbury, Connecticut.

Conducted environmental audits at industrial sites in Texas, Louisiana, Colorado, California, Illinois, New Mexico, and North Dakota.

Designed and implemented PCB and hazardous waste site remediation projects in Texas, California, Missouri, New Mexico, Colorado, and North Dakota.

Developed an air emission inventory for approximately fifty maquiladora facilities in Matamoros, Mexico.

Performed an evaluation of a proposed multi-facility coal fired power plant project in Texas on behalf of a forty-city consortium.

Conducted air dispersion modeling studies for refining operations; chemical manufacturing plants; wood treatment facilities; industrial waste disposal sites; crude oil production, processing and storage; a rocket engine test facility; an electric coil facility; a drum reconditioning plant; storage and shiploading operations; lead and zinc smelters.



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Worked on behalf of citizens' groups in Texas, Arkansas, Oklahoma, Louisiana, New Mexico, Michigan, Hawaii, California, and Alabama.

ITEMS OF NOTE:

Volunteer on Pediatrics Floor at M.D. Anderson Hospital in Houston, Texas.

Named as a person "who makes a difference" in the environmental field by Citizens League for Environmental Action Now (CLEAN), an environmental advocacy group in Houston, Texas.

Recipient of the 1977 Ecology Award presented by the San Jacinto Lung Association for "Outstanding Leadership in the Field of Environmental Health".

Taught environmental courses at Rice University, Sam Houston State University, and George Washington University.

Member of the Advisory Council of the New Mexico Environmental Law Center in Santa Fe, New Mexico (2001 - 2005).

Member of the Palos Verdes Landfill Citizens Advisory Board, California Department of Toxic Substances Control (2004 - 2011).

PUBLICATIONS & PRESENTATIONS:

James Dahlgren, Harpreet Takhar, Pamela Anderson-Mahoney, Jenny Kotlerman, Raphael Warshaw, and Jim Tarr, "Cluster of Systemic Lupus Erythematosus (SLE) Associated with an Oil Field Waste Site: A Cross Sectional Study," Environmental Health, 6:15, May 17, 2007.

Jim Tarr, "Coal Fired Power Plants – The Air Pollution Problem," University of Houston, Houston, Texas, February 27, 2007.

Jim Tarr, "The Toxic Chemical Cloud Over East Harris County, Texas", University of Texas School of Public Health, Houston, Texas, April 2000.

Jim Tarr, "Ethics, Threshold Limit Values, and Community Air Pollution Exposures," in Sacrificing Science for Convenience: A Technical and Ethical Evaluation of Texas' Risk Assessment Process, Downwinders at Risk Education Fund, Cedar Hill, Texas, October 1996.

Jim Tarr, "The Practical Aspects of Assessing Community Air Pollution Exposures with Air Dispersion Modeling Techniques," National Bar Association, 69th Annual Convention, Seattle, Washington, August 1994.



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Jim Tarr, "Siting Criteria for Industrial Waste Incinerators - An Air Pollution Perspective," The 1989 Incineration Conference sponsored by the University of California, Irvine, CA, at Knoxville, Tennessee, 1989.

Jim Tarr and J.R. McMurry, "The Control of Vinyl Chloride Emissions in Texas," 71st Annual Meeting of the Air Pollution Control Association, Houston, Texas, 1978.

Jim Tarr and Catherine Damme, "Toxicology, Toxic Substances, and the Chemical Engineer: The Special Relevance of Cancer," Chemical Engineering, p. 86, April 24, 1978.

December 1, 2011