



Jill Jamieson

CEO

Illuminati Infrastructure Advisors

Jill Jamieson is the CEO of Illuminati Infrastructure Advisors, an advisory firm specializing in providing infrastructure advisory services to public sector and governmental entities. She is a globally recognized leader in infrastructure finance and public-private-partnerships (P3), having worked extensively in the United States, Latin America, Europe and Asia for a wide variety of public and private sector clients. With nearly 30 years of experience managing complex mega-project transactions and advising public sector clients in all activities relating to innovative finance and delivery, specific areas of expertise include innovative project delivery and performance-based contracting; P3 program and framework development; structuring and implementing asset optimization and monetization / value-capture strategies; government transformation; and P3 transaction advisory assistance. Successful transaction experience encompasses work across multiple infrastructure sectors, ranging from transportation and water to energy and higher ed, with a total capital investment portfolio in excess of US\$25 billion. Ms. Jamieson currently advises a wide range of federal, state, and local public authorities across the U.S. and the globe on innovative finance and delivery. A frequent keynote speaker on issues relating to infrastructure finance and delivery, Ms. Jamieson has also been called to testify as an independent expert before the House Transportation and Infrastructure Committee on P3 and other forms of alternative finance and delivery for public works. Ms. Jamieson's professional background includes investment banking, law, and management.



Phillippe Daniel

Principal

In over 32 years in consulting, Phillippe has been most energized providing insights and facilitating strategic decision-making for water infrastructure investments, both nationally and internationally. Currently heading Liquisti LLC, he has held senior leadership roles with major consulting firms. He has worked on over 150 different projects. He is currently working on Valley Water's Purified Program as a subconsultant to HDR.

Phillippe is a broad, integrative thinker who appreciates complex systems and interdependency. He is a quick study and excels in structuring decision problems, identifying critical information, integrating and translating information across disciplinary lines, understanding organizational structures and dynamics and facilitating deliberation and consensus. His excellent listening skills coupled with a comfort in leaning into conflict makes him effective in fostering collaboration and achieving consensus amongst diverse stakeholders – essential for implementing large, complex infrastructure projects.

Phillippe combines extensive experience in all aspects of water – treatment, resources and policy – with an educational background in public health and decision sciences. He is fluent in issues regarding microbial and chemical risks.

Planning. With experience in strategic planning, master planning and capital planning, Phillippe has consulted with various public and private agencies in addressing complex system issues. These range from directing infrastructure assessments for post-disaster reconstruction in New Orleans after Hurricane Katrina to developing infrastructure master plans for several districts of a large, private water company and managing the start-up plan for San Francisco's regional water system (involved integration of technical, operational and institutional issues, including coordinating across over 30 separate local, regional and state agencies). He has worked with major agencies across the US and internationally to develop strategies for their capital programs, including developing tools to enable setting risk-based priorities.

Design. Phillippe's design involvement has focused mainly on the conceptual phases (i.e., studies, process selection, design criteria development) for over 30 water treatment plant upgrades (e.g., addition of ozone to the 80-mgd Bollman water treatment plant (WTP), the 40-, 75-, and 100 mgd water treatment plant's of the Santa Clara Valley Water District, and chemical system upgrades at the LA Department of Water and Power 600 mgd plant), expansions (e.g., 150 mgd for the Everett WTP, 330 mgd for the Dallas Elm Fork WTP, and 180 mgd for the Harry Tracy WTP), and new plants (e.g., the 28 mgd plant of the Alameda County Water District, the 1 mgd Craig Alaska WTP, the 5 mgd Saratoga Microfiltration

EDUCATION

M.S. - Environmental Engineering,
University of California, Berkeley.

B.S. - Bioengineering, University of
California, Berkeley.

REGISTRATIONS

Professional Engineer: Oregon
(1990), and Washington

American Academy of Engineers
Board Certified Environmental
Engineer (BCEE)

PROFESSIONAL INVOLVEMENTS

Water Research Foundation, Expert
Panel, Strategic Initiative on
Endocrine Disrupting Chemicals and
Pharmaceuticals and Personal Care
Products (2007 to 2009)

Water Research Foundation,
Research Advisory Council, Member
(2006 to 2011)

Water Research Foundation, Expert
Panel, Strategic Initiative on
Endocrine Disrupting Chemicals and
Pharmaceuticals and Personal Care
Products (2007 to 2009)

CALFED Science Program, Peer
Review, Water Quality Program –
Stage 1 Final Assessment Report
(2008)

National Academy of Engineering
German-American Frontiers of

Engineering Symposium. Potsdam, Germany (May 2005)

National Academy of Engineering US Frontiers of Engineering Symposium. Irvine, CA (September 2002)

AWWA Risk Management Technical Advisory Workgroup, Chairman (1994-2002)

EPA Expert Panel Risk Assessment of Mixtures of Disinfection By-Products Produced by Drinking Water Systems. National Center for Environmental Assessment. Cincinnati, OH. (June 2000)

EPA Expert Panel Evaluation of Epidemiological Studies of Adverse Reproductive and Development Effects Associated with Disinfected Drinking Water. Research Triangle Park, NC (July 1997)

Agency for Toxic Substances and Disease Registry Peer Review of World Health Organization book: Disinfection By-Products: Chemistry, Toxicology and Epidemiology (December 1997)

EPA Expert Panel Comparing the Risks of Disinfection By-Products and Microbes. Cincinnati, OH (May 1997)

International Life Sciences Institute Expert Panel Assessing the Risks of DBP Mixtures. Research Triangle Park, NC and Washington DC (1996 - 1998)

American Academy of Microbiology Colloquium on Global Issues: Microbiological Water Quality for the Next Century. Cosponsored by EPA and the World Health Organization. Guayaquil, Ecuador (April 1995)

EPA Expert Panel Feasibility of Conducting Epidemiological Studies for Cancer and Disinfection By-Products. Cincinnati, OH (July 1994)

INDUSTRY TENURE

32 years

Plant, and the 30 mgd Lawton, OK). He has participated in several value engineering evaluations including those for three membrane plants.

Alternative Project Delivery. For the Santa Clara Valley Water District, he has guided evaluation of progressive design-build versus design-build-operate-maintain-finance. Currently, he is serving as the Program Manager for implementation of this \$1B potable reuse program. For the Seattle Public Utilities, he led efforts for alternative design criteria development on the 120-mgd Tolt Filtration Plant, a design-build-operate project with a 25-year duration. For the San Jose Water Company, Phillippe was the project manager for a fast track design, build and startup of a 5-mgd microfiltration plant.

Decision Making. Phillippe has been involved in decision making for technology and water resource projects including those for the Massachusetts Water Resources Authority, the San Francisco Public Utilities Commission, the Los Angeles Department of Water and Power, the Santa Clara Valley Water District, and the Portland (OR) Water Bureau. Given the distinctive features of each setting, success has been achieved through application of various analytic tools, streamlined analysis, an understanding of organizational structures and culture, and facilitation of consensus.

International. Phillippe has been involved in projects in Australia, Canada, Colombia, Jordan, Malaysia, Tanzania and Singapore. For Tanzania, he was the engineering-construction lead for the Millennium Challenge Corporation's due diligence evaluation of Tanzania's \$800M infrastructure proposal (compact signed in February 2008). He has lectured in Ecuador, France, Germany, Kenya, Uganda, Singapore and South Africa.

Water Resources. Phillippe has been involved in water resource decision making projects for the Massachusetts Water Resource Authority (Boston), San Francisco Public Utilities Commission, the Santa Clara Valley Water District, the Association of Bay Area Governments (integrated regional planning for seven Bay Area water utilities) and the Bay Area Water Supply and Conservation Agency. Each project has involved extensive technical analysis and, in many cases, public outreach. He has also consulted on a number of water resource projects as a senior advisor.

Emergency Response. Phillippe has worked for the Department of Homeland Security (i.e., FEMA) in responding to Hurricane Katrina assessing infrastructure needs and hazard mitigation approaches. For San Francisco, he aided in developing their Emergency Response Plans. In addition, working with representatives from fire, police, public health and the Office of Emergency Services, he developed a strategy for supplying potable water after a major disaster. He worked jointly with four large California water utilities and the California Department of Health Services in developing strategies for responding to a terrorist event.

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