

RICHARD J. VAN BRUGGEN

Water Resources Engineer

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S U M M A R Y O F Q U A L I F I C A T I O N S

- ◆ Twenty-five years of engineering experience specializing in the use of systems engineering and modeling techniques to define and evaluate surface water resource systems, forensic hydrology and hydraulics, and alternative flood control measures.
- ◆ Has performed numerous studies of watershed hydrology, floodplain and storm drain system hydraulics, dam and reservoir operations, stormwater quality and management, and the statistical analysis of meteorologic and hydrographic data.
- ◆ Has managed flood control and water supply projects involving the hydraulic design of stormwater conveyance and detention facilities, overseeing technical staff and coordination between project clients, consultants and regulatory agencies.
- ◆ Experienced in alternative plan development of stormwater management projects, as well as coordinating public involvement in the project decision process and conducting public meetings and workshops.
- ◆ Considerable experience testifying as an expert witness in Water Resources Engineering, having testified in over three dozen cases ranging from the evaluation of historic flood events and drownings, to the standard of care in reservoir operations and storm water system designs.

E D U C A T I O N

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| University of California, Los Angeles, California | M.S. IN WATER RESOURCES ENGINEERING | 1981 |
| University of California, Los Angeles, California | B.S. IN SYSTEMS ENGINEERING | 1980 |

E X P E R I E N C E

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| Water Resources Consulting Services <i>Guerneville and San Francisco, California</i> | PRINCIPAL ENGINEER AND OWNER | 1989-Present |
| Camp Dresser & McKee Inc. <i>Walnut Creek, California</i> | PROJECT ENGINEER | 1988-1989 |
| Harding Lawson Associates <i>Novato, California</i> | PROJECT ENGINEER | 1984-1988 |
| US Army Corps of Engineers, <i>Los Angeles District</i> | PROJECT MANAGER / HYDRAULIC ENGINEER | 1981-1984 |
| Loyola Marymount University <i>Los Angeles, California</i> | LECTURER | 1982 |
| University of California <i>Los Angeles, California</i> | LECTURER | 1981 |

R E G I S T R A T I O N S

PROFESSIONAL CIVIL ENGINEER:

- California, 1986
- Arizona, 1993
- Nevada, 1993

M E M B E R S H I P S

- American Society of Civil Engineers (ASCE) - Member since 1982
- American Council of Engineering Companies (ACEC) – California State Water Resources Committee (2005-2006)
- Forensic Expert Witness Association (FEWA) – Board of Directors, San Francisco Chapter President (2004-2005)
- American Public Works Association (APWA) – California State Storm Water Quality Task Force (1989-1997)
- Floodplain Management Association of California (FMA)