

## JAMES P. BEARZI

### Senior Environmental Geologist

#### EXPERIENCE SUMMARY

#### 30 Years of Experience Encompassing the Following Areas:

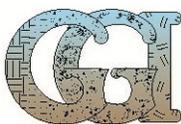
- Water resource studies for commercial and residential clients
- Environmental assessment for commercial and public interests
- Development, execution, and management of diverse environmental investigation and restoration projects
- Geologic and geomorphic mapping
- Groundwater modeling
- Groundwater and soil cleanups
- Environmental and waste management for industrial, commercial, and construction projects
- Wetland delineation, stream restoration, and stormwater management
- Local, State, and Federal permitting
- Community relations planning and outreach
- Implementation of New Mexico's hazardous waste regulatory program, including permitting, inspection, enforcement, and data management programs
- Implementation of environmental and public health programs on a statewide and field basis
- Compliance inspection and technical assistance
- Implementation of New Mexico's surface water quality protection program, including certification of federal permits, inspection, enforcement, and compliance programs; watershed protection and restoration; monitoring and assessment of water resources; utility operator certification; and standards development
- Water rights transactions
- Expert witness and legislative testimony
- Facilitation, strategic planning, and alternative dispute resolution

#### EXPERIENCE

**Senior Environmental Geologist, Glorieta Geoscience, Inc. (2014 – present):** Provide technical oversight and project-level management for a range of technical, environmental, regulatory, and water supply issues for private and governmental clients. Conduct wastewater, waste, and soil sampling, waste and environmental management compliance and process, construction site stormwater management and inspections, and permitting and regulatory interface for federal, state, and local jurisdictions.

**Senior Supervising Hydrogeologist, New Mexico Interstate Stream Commission (2012 – 2014):** Responsible for assessment and evaluation of complex hydrologic, geologic, and ecologic problems that bear on New Mexico's obligations under interstate stream compacts, federal and state law, and other legal documents that define surface water delivery to downstream states. Manage projects and budgets that advance the Commission's charge to protect New Mexico's interests in managing the state's water resources. Evaluate hydrologic models, collect and evaluate water quality and quantity data, scrutinize consultant reports, and provide testimony in litigation.

**Adjunct Instructor, University of New Mexico – Los Alamos (2008 – 2014):** Instructor in environmental science, physical science, physical geography, physical geology, and American Studies. Most courses have laboratory component.



**Bureau Chief, New Mexico Environment Department Surface Water Quality Bureau (2011 – 2012):** Responsible for implementation of New Mexico's surface water quality protection program, including certification of federal permits, inspection, enforcement, and compliance programs; watershed protection and restoration; monitoring and assessment of water resources; utility operator certification; and standards development. Management of 51 FTE organization with \$5 million operating budget from federal, general fund, and other state fund sources. Provide testimony in administrative hearings and legislative hearings.

**Bureau Chief, New Mexico Environment Department Hazardous Waste Bureau (1999 – 2011):** Responsible for implementation of New Mexico's hazardous waste regulatory program, including permitting, inspection, enforcement, and data management programs. Management of 58 FTE organization with \$4.2 million operating budget from federal, general fund, and other state fund sources. Also responsible for Department spill and emergency response functions. Also conduct detailed technical review of corrective action documents, primarily focused on Los Alamos National Laboratory. Note – On special assignment to Governor's Office from July, 2003 to May, 2004 to participate in Governor Richardson's Performance Review of State Government (Phase 2). Also responsible for Radiation Protection Program that was within the Bureau until 2001. Provide expert witness testimony in federal and state court, administrative hearings, and legislative hearings.

**District Manager, New Mexico Environment Department District II (1995 – 1999):** Responsible for implementation of food safety, liquid waste disposal, pool and spa safety, subdivision review, and drinking water programs for NE New Mexico. Managed staff of 30 technical, financial, inspection, and support personnel in central and remote offices, with two general fund and three revenue-based budgets (approx. \$1.6 million per year). Note – Performed "double duty" as Chief of NMED's Community Services Bureau and Acting Manager of NMED's Food Safety Program from mid-1998 to 1999. Oversaw development of Environmental and Public Health programs on a statewide basis and coordinated implementation in NMED's four district offices. Serve a hearing officer of non-District II food and liquid waste hearings. Provide expert witness testimony in administrative and legislative hearings.

**Chief of NMED's Underground Storage Tank Bureau (1992 – 1995):** Oversaw environmental programs involving prevention and cleanup of petroleum releases, with a staff of 65 in central and field locations. Oversaw two federal grants (approx. \$1.5 million per year) and two fee programs (approx. \$30 million per year). Provide expert witness testimony in federal and state court, and in administrative and legislative hearings.

**President and Principle Investigator; Lassen Environmental Services, Inc. (1990 – 1996):** Specialized in water availability, environmental assessment, and property transfer for private clients. Developed scopes of work and budgets for environmental restoration projects, managed projects, and ensured that work was performed within client-approved budgets. Conducted receivables and payables. Dissolved in 1996.

**Scientist, Project Manager, and Front Line Supervisor in NMED's Underground Storage Tank Bureau (1989 – 1992):** Oversaw dozens of



contaminated site investigations and cleanups. Responsible for ensuring robust scientific principles – geologic, geochemical, hydrologic, and biological – are adhered to in addressing groundwater and soil cleanups. Conducted sampling and surveying of domestic or public water supply well, and installation of monitoring wells. Employment interrupted from January, 1990 through February, 1991.

**Hydrogeologist, Glorieta Geoscience, Inc. (1990):** Conducted water availability and water resource studies for commercial and residential clients, environmental assessment for commercial interests, and property transfer for private clients. Conducted original hydrologic, geologic, and environmental studies. Developed budgets for environmental restoration projects, managed projects, and ensured that work was performed within client-approved budgets.

**Hydrologist, U.S. Geological Survey – Water Resources Division (1988 – 1989):** Assist in development of hydrologic and geologic models of groundwater flow; describe well cuttings for water wells; assess water resource potential in militarily sensitive areas in Central America and the Middle East; interpret geophysical logs of water wells.

## EDUCATION

M.S. Earth Sciences, Montana State University, 1987, with specialty in fluvial geomorphology, natural hazard analysis, and soil science. Thesis – *Fluvial Geomorphology and Terrace Development, Lower Jack Creek, Southwestern Montana*

B.S. Geology and Geography (double major), Portland State University, 1985, *summa cum laude*

