

BOB PIEROTTI

Supervising Engineering Geologist
California Department of Water Resources, Southern District
770 Fairmont Avenue, Suite 102
Glendale, California 91203-1035

California Registered Geologist No. 5349
California Certified Engineering Geologist No. 1772
California Certified Hydrogeologist No. 115

WORK EXPERIENCE

Supervising Engineering Geologist. October 2004 to present, full-time
California Department of Water Resources, Southern District.
Chief, Resources Assessment Branch. Plan, organize, lead, and control activities of branch. Manage budget, hire staff, assign and schedule work, train and develop staff, evaluate staff performance, and purchase equipment. Manage Branch of 15 staff members who are organized into three Sections: Groundwater, Watermaster, and Special Studies.

Senior Engineering Geologist (Supervisor). January 1999 to October 2004.
California Department of Water Resources, Southern District.
Chief, Groundwater Section. Plan, organize, lead, and control activities. Manage budget, hire staff, assign and schedule work, train and develop staff, evaluate staff performance, and purchase equipment.
Manage groundwater basin assessment project.
Manage installation of monitoring well in Coachella Valley Groundwater Basin.
Manage destruction of abandoned DWR monitoring wells in Ventura County.
Manage hydrogeologic investigation of diminishing well yields in Paloma Valley.
Manage District's work on the update of Bulletin 118, California's Ground Water.
Responsible for technical studies for Conjunctive Water Management Program in District.
Supervise reviewers of AB303, Prop 13, and Prop 50 grant applications.
Manage District's Surface and Groundwater Data Program and Well Completion Reports.
Provide hydrogeologic consultation to Department of Health Services.
Participate in Water Augmentation Study Technical Advisory Committee.
Participate in drought workshops throughout District.
Developed, manage, and maintain (Webmaster) Southern District's Internet web page.
Organized Annual Geology and Groundwater meeting at Death Valley in 1999 and at Paso Robles in 2003.

Senior Engineering Geologist (Specialist). June 1994 to January 1999, full time.
California Department of Water Resources, Southern District.
Conducted basin-wide hydrogeologic and ground water quality investigations.
Site geologist for monitoring well installation in Sacramento Valley and Delta, Central District.
Conducted geologic mapping at Sites Reservoir site, Northern District.
Conducted study of nitrates in the Piru, Fillmore, and Santa Paula groundwater basins, Ventura County.
Conducted studies of groundwater overdraft in Central Coastal basins.
Contributed to update of Bulletin 118, California's Ground Water.
Provided hydrogeologic consultation to Department of Health Services.
Contributed to environmental scoping document for groundwater extraction project in the Bunker Hill Basin.
Organized Annual Geology and Groundwater meeting at Lake Arrowhead in 1995.

Volunteer. May 1994
Water For People.
Concurrent with DWR employment, organized and conducted water quality workshop and water source sampling project in southwestern Honduras.

Associate Engineering Geologist, October 1989 to May 1994, full-time.

California Department of Water Resources, Southern District.

Leadperson, Water Quality Evaluation Section.

Conducted basin-wide and site hydrogeologic and water quality investigations.

Conducted hydrogeologic field work and prepare written reports.

Established computer data base for water well completion reports.

Advised Caltrans on proper methods for destruction of water wells.

Assisted Central District install extensometer in Sacramento Valley.

Participated on Department Quality Control Committee and District Computer Committee.

Reviewed waste discharge requirements issued by Regional Water Quality Control Boards.

Answered public inquiries about hydrogeology and water resources.

Recipient of Meritorious Service Award 1993.

Provided assistance to State Office of Emergency Services following Whittier Narrows and Northridge earthquakes.

Principal investigator in these studies:

Report to the Office of Emergency Services on the reduced discharge from a spring at Mount Baldy following the Upland earthquake on February 28, 1990 (June 1990)

San Diego Region ground water studies, phase V, Ramona Hydrologic Subarea and Jamacha Hydrologic Subarea (June 1991)

San Diego Region ground water studies, phase VI, Hodges Hydrologic Area, Highland Hydrologic Subarea, and update of Las Lomas Muertas Hydrologic Subarea (September 1992)

Contributed to:

Sampling Manual for Environmental Measurement Projects

Guide for Preparation of Water Well Completion Reports

California Water Plan Update, Bulletin 160-93

Engineering Geologist, Range B, October 1985 to September 1989, full-time

California Department of Water Resources, Southern District.

Conducted basin-wide and site hydrogeologic and water quality investigations.

Conducted field work and prepare written reports.

Established computer data base for key monitoring wells.

Conducted site investigations for ground-water recharge project, locations of supply wells, and destruction of abandoned wells.

Answered public inquiries about hydrogeology, hydrologic data, and water resources.

Recipient of Unit Citation 1986 and 1989

Principal investigator in these studies:

Evaluation of monitoring network and recommendations for supplemental monitoring in the Lower Mojave River Valley ground water basin (January 1987)

Evaluation of monitoring network and recommendations for supplemental monitoring in the Antelope Valley ground water basin (March 1987)

Selection of a network of key monitoring wells for an "on demand" reporting system on ground water levels and quality in the San Jacinto Valley basin (August 1987)

Operation of the key monitoring network in the San Jacinto basin, Riverside County (November 1987)

A network of key wells for monitoring water levels and water quality in the Antelope Hydrologic Unit (February 1989)

A network of key wells for monitoring water levels and water quality in the Orange County Coastal Plain (August 1989)

Assisted in:

San Diego Region ground water studies, phase IV, San Juan basin, Agua Hedionda basin, Buena basin, and Vista basin (June 1988)

Land and Water Use Analyst, Range B. July 1985 to September 1985, full-time.

California Department of Water Resources, Southern District.

Responsible for locating, installing, and maintaining CIMIS automated climate stations.

Graduate Student Assistant. October 1980 to June 1985, part-time.

California Department of Water Resources, Southern District.

Prepared land use maps and collected data for land use reports; maintained climate stations and data; assisted with water conservation program; worked extensively with aerial photos and USGS topo maps.

Geologist. September 1981 to May 1982, part-time.

Marine Environmental Science Associates, Northridge.

Interpreted seismic data; prepared geologic cross sections, bathymetric maps, and isopach maps for construction of offshore drilling platforms.

EDUCATION

Master of Science Degree in Geology, California State University, Los Angeles, 1992.

Bachelor of Science Degree in Geology, California State University, Northridge, 1985.

Bachelor of Arts Degree in Geography, California State University, Northridge, 1980.

MEMBERSHIP

National Ground Water Association

American Water Works Association