

Jon Rohrer, PG, CHg: Senior Hydrogeologist & Principal

Mr. Rohrer is a Senior Hydrogeologist and Principal of **AQUI-VER, INC.**, providing specialized hydrogeologic and environmental consulting services to attorneys, water purveyors, private land owners, consultants, and others. Mr. Rohrer's environmental consulting experience includes litigation support, site investigations, remedial testing, responsible party identification, water supply impact management, data evaluation, analytical and numerical modeling, reporting, and regulatory negotiation for various perchlorate, Superfund, and petroleum sites across the United States and abroad. In the field of water resources, Mr. Rohrer has conducted hydrogeologic investigations ranging from site-specific evaluations to basin-wide studies and has designed, installed, and tested numerous groundwater wells. As a manager, Mr. Rohrer has lead a variety of successful environmental and water resource projects, providing cost-effective and timely solutions for his clients.

Projects Mr. Rohrer has been involved with have varied from assessing surface water-groundwater interactions for water supply, performing complex oxygenate gasoline release investigations (including methyl tertiary-butyl ether [MTBE]) to major DNAPL and LNAPL studies in media ranging from homogeneous coastal alluvial aquifers to complex fractured volcanic bedrock. Mr. Rohrer has also worked on several projects involving assessment of environmental impacts associated with the California Environmental Quality Act (CEQA) Environmental Impact Report (EIR) process. A majority of these projects are performed within the realm of current, or future litigation efforts.

EDUCATION & CERTIFICATIONS

- * California Certified Hydrogeologist, #718
- * California Professional Geologist, #6881
- * M.S. Subsurface Hydrogeology Emphasis, University of Arizona, Tucson, AZ, 1996
- * B.S. Geological Sciences, Lehigh University, Bethlehem, PA, 1993
- * 40 hr OSHA 29 CFR 1910.120; 8 hr OSHA Annual Refresher, Site Supervisor Course

ACADEMIC AND PROFESSIONAL HONORS

- * Graduated Magna Cum Laude (BS)
- * Commendation from the State of California Board for Geologists and Geophysicists

PROFESSIONAL WORK HISTORY _____

- * 11/2006 - Present: **AQUI-VER, INC.**, Park City, Utah and Long Beach, California: Senior Hydrogeologist & Principal,
- * 1-11/2006 WorleyParsons Komex, Westminster, California: Project Manager
- * 2000-2005 Komex, San Luis Obispo and Westminster, California: Office Manager, Management Team and Vice President
- * 1996-2000 Komex, Westminster, California: Hydrogeologist (ascending levels to Senior Hydrogeologist)
- * 1994 - 1996: Groundwater Resources Consultants Inc., Tucson, Arizona: Staff Hydrogeologist
- * 1993-1995: University of Arizona, Tucson, Arizona: Teaching Assistant/Research Assistant
- * 1991-1992: Lehigh University, Bethlehem, Pennsylvania: Research Assistant, Summers

EXPERT CONSULTING AND WITNESS SERVICES _____

Mr. Rohrer has been designated as an expert witness on behalf of the following parties:
Designated:

- * Cambria Community Services District (CCSD) vs. Chevron et al (MTBE impact to drinking water supplies)
- * Kvaerner Aronson v. Mammoth Mountain Ski Area, Mammoth Mountain Ski Area v. EMCO Wheaton, on behalf of Mammoth Mountain Ski Area
- * City of Morro Bay in the matter of: Application for Certification of Duke Energy for the Morro Bay Power Plant
- * City of Morro Bay Nuisance Abatement Hearing (MTBE impacts to groundwater)

Deposed:

- * Kvaerner Aronson v. Mammoth Mountain Ski Area, Mammoth Mountain Ski Area v. EMCO Wheaton, on behalf of Mammoth Mountain Ski Area

Testified:

- * City of Morro Bay Nuisance Abatement Hearing, January, 2001
- * Application for Certification of Duke Energy for the Morro Bay Power Plant, January 29, 2002
- * California Senate Select Committee on Perchlorate Contamination, February 27, 2004

MTBE EXPERIENCE

- * Gasoline Release Investigation, Contaminant Migration Investigation and Remedial Design in Fractured Volcanic Bedrock - Confidential Client, Sierra Nevada Mountains, California
- * Evaluation of MTBE fate and transport in response to construction dewatering, EIR preparation, Oxnard RiverPark Project, Oxnard, California (also cited as EIR experience below)
- * MTBE Investigation/Remedial Design - City of Santa Monica Arcadia Well Field, California
- * MTBE Investigation and Remedial Design in Fractured Dolomite - Confidential Client, Illinois
- * Evaluation of MTBE Threat Facilities, City of Oxnard, Oxnard, California
- * Technical advisor on MTBE case, United Water Conservation District, Oxnard, California
- * Expert Witness Support, City of East Alton v. Defendants, MTBE Contamination of a Municipal Water Supply, East Alton, Illinois
- * MTBE Risk Assessment and Technical Oversight, Soquel Creek Water District, Soquel, California
- * MTBE Contamination, Remediation and Wellhead Treatment Oversight for the Cambria Community Services District Santa Rosa Creek Watershed, Cambria, California
- * Litigation Support of Abatement Proceedings Related to Threat Posed by MTBE to the City of Morro Bay Morro Well Field, Morro Bay, California
- * MTBE Contamination Oversight, City of Morro Bay, Morro Well Field, Morro Bay, California
- * MTBE Contamination Technical Guidance, Los Osos Community Services District and Southern California Water Company, Los Osos, California
- * MTBE Risk Evaluation and Technical Oversight, Bear Valley Community Services District, Tehachapi, California
- * Confidential Mediation: Between an Oil Company and a Water District, California

DNAPL, LNAPL, PCBs /CHLORINATED SOLVENTS, ETC...

- * Complex Chlorinated Solvent Federal Litigation Related to Offsite Impacts to a Water Supply Well, Sacramento, California
- * Evaluation of Chlorinated Solvent Investigation/Remediation, San Gabriel Valley Superfund Site, Puente Valley Operable Unit, California
- * Dry Cleaner PCE Contaminant Impact Evaluation, Camarillo, California
- * Characterization Study at a TCE Contaminated Superfund Site - Tucson, Arizona
- * Review of Phase I's and Subsequent VOC Phase II for a Previously Alleged Clean Property. Los Angeles, California
- * Natural Resource Damage Assessment (NRDA): Exposure Pathway Assessment and Ecological Risk Assessment Support - Guadalupe Oil Field, California
- * Assessment of Oil Field Impacts to Groundwater Resources, Santa Maria Basin, California
- * Superfund PCB Investigation in Fractured Limestone - Confidential Client, Missouri
- * Risk Based Corrective Action (RBCA) closure assessment, Ventura, California
- * Lead Sampling - Los Angeles Harbor Port Terminal

PERCHLORATE EXPERIENCE

- * Perchlorate investigation, remediation and wellhead treatment oversight, City of Morgan Hill and City of Gilroy, California
- * Perchlorate related environmental impact report evaluation, City of Calabasas/County of Los Angeles, California
- * Perchlorate responsible party identification, Confidential Client, Los Angeles County, California
- * Perchlorate fate, transport and remediation litigation support for the Stringfellow Superfund Site, Insurance Parties, Southern California
- * Perchlorate fate and transport evaluation, Fontana Water Company and West Valley Water District, Rialto, California
- * Perchlorate liability evaluation, Confidential Chemical Client

WATER RESOURCES/CEQA/EIR PROJECTS/GENERAL ENVIRONMENTAL

- * Coastal Commission and EIS support, Cabrillo Port LNG Project, Oxnard, California
- * EIR preparation and water supply availability study, Corral De Tierra Project, Monterey County, California
- * Environmental planning assistance, EIR preparation, ITT Facility/Home Depot Project, Burbank, California
- * Evaluation of MTBE fate and transport related to construction dewatering, EIR preparation, Oxnard RiverPark Project, Oxnard, California (also cited as MTBE experience above)
- * New South Coast Golf Course EIR, City of Rolling Hills Estates, California
- * Santa Barbara County Greenhouse Program FEIR Review, City of Carpinteria, California
- * Assessment of Chorro Creek Streamflow, City of Morro Bay, Chorro Basin, California
- * Evaluation of Optimal Well Design related to presence of various contaminants, San Gabriel Valley Water Company, Puente Valley, California
- * Aquifer Pumping Tests - Various sites in California and Arizona
- * Groundwater Monitoring and Sampling - California, Arizona and Nevada
- * Fractured Bedrock Characterization - California, Missouri and Illinois
- * Monitoring Well Installation - California, Arizona and Illinois
- * Calculation of Alert Levels for Compliance Monitoring - Mining Facility in Arizona
- * Surface Water Monitoring and Sampling - Mining Facility in Arizona
- * Geotechnical Slope Stability Analysis - Casmalia Superfund Site, California
- * Seismic Refraction Surveying - Pennsylvania

AFFILIATIONS

- * California Ground Water Resources Association
- * National Ground Water Association
- * Los Angeles County Bar Association, Environmental Section Executive Committee
- * California Bar Association

PUBLICATIONS

Mr. Rohrer has prepared over 100 written project reports, and has written, presented and published many articles or presentations regarding the following:

- * Contamination of groundwater and drinking water supplies by MTBE and other VOCs
- * Contaminant fate and transport in fractured or heterogeneous media
- * Source water assessment and protection
- * General water resources and environmental issues

The following is a list of recent publications and presentations:

- * J. Rohrer and Peter Jonker, 2007. Speaking their Language: Pollution Science for the Attorney. Los Angeles County Bar Association, Environmental Section: 21st Annual Environmental Law Super Symposium. March 23.
- * J. Rohrer, Mark Ausburn, Nat Beal and Dayne Hornick, 2006. California MTBE Retrospective Evaluation: Predictions vs. 2005 Outcome. NGWA 2006 Petroleum Hydrocarbons and Organic Chemicals in Ground Water®: Prevention, Assessment, and Remediation Conference
- * J. Rohrer, Mark Ausburn, Nat Beal and Dayne Hornick, 2006. California MTBE Retrospective Evaluation: Predictions vs. 2005 Outcome. California Groundwater Resources Association. Emerging Contaminants in Groundwater: A Continually Moving Target: Symposium."
- * California Groundwater Resources Agency. Perchlorate 2006: Progress Toward Understanding and Cleanup. Conference Chairman, Santa Clara, California, January 26.
- * Association of California Water Agencies, 2005 Fall Conference and Exhibition: Pre-Conference Workshop Moderator and Organizing Committee Member: Water Resources Management and Growth: California At A Crossroads, San Diego, California, November 29, 2005
- * J. Rohrer, Ralph Beck, Mark Trudell and Nathaniel Beal, 2005. Prioritizing Perchlorate Cleanup of Water Resources in Southern California. National Groundwater Resources Association, Conference on MTBE and Perchlorate: Assessment, Remediation, and Public Policy.
- * J. Rohrer, S. Ross, R. Beck and C. Wang, 2004. Perchlorate Source Identification: Challenges and Strategies. East Valley Water District, 2004 Water Quality Conference.

- * J. Rohrer, R. Chandler and S. Ross, 2004. Perchlorate vs. MTBE: Similarities, Differences and Learning from our Past. National Groundwater Association, 2004 Conference on MTBE and Perchlorate: Assessment, Remediation, and Public Policy.
- * J. Rohrer, S. Ross, A. Brown, and J. Farrow, 2004. Perchlorate History, Source Identification, Remediation and Costs. National Groundwater Association, 2004 Ground Water and Environmental Law Conference.
- * A. Brown, J. Farrow, J. Rohrer and Andy Gray, 2004. Dealing with Emerging Groundwater Contaminants. 2004 California Special District Association Annual Conference.
- * J. Rohrer, 2004. Emerging Water Contaminants. American Industrial Hygiene Association: Annual Joint Technical Symposium (sponsored by the Southern California and Orange County Sections of the AIHA).
- * J. Rohrer, M. Hagemann, R. Chandler and S. Ross, 2003. Perchlorate vs. MTBE: Similarities, Differences and Learning from our Past. American Water Resources Association, 2003 Annual Conference.
- * J. Rohrer, 2003. Wellhead Protection Programs, An Integral Part of Water Supply Planning. NGWA Southwest FOCUS Conference: Water Supply and Emerging Contaminants.
- * J. Rohrer and A. Booker, 2002. An Innovative Approach to Protecting Drinking Water Supply Wells from MTBE. NGWA Conference on MTBE: Assessment, Remediation and Public Policy.
- * P. Hardisty, J. Dottridge and J. Rohrer, 2001. Application of Digital Borehole Imaging Data for Characterization of NAPLs in Fractured Rock. Fractured Rock, 2001.
- * Brusseau, M., J. Rohrer, T. Decker, N.T. Nelson, W.R. Linderfelt. 1999. Contaminant Transport and Fate in a Source Zone of a Chlorinated-Solvent Contaminated Superfund Site: Overview and Initial Results of an Advanced Site Characterization Project. In: Innovative Subsurface Remediation: Field Testing of Physical, Chemical, and Characterization Technologies. (Brusseau, M.L., D.A. Sabatini, J.S. Gierke and M.D. Annable, eds.) American Chemical Society, Washington, DC, Chapter 19.
- * J. Rohrer, M. Brusseau and W. Linderfelt, 1995. Field Tracer Experiments at a TCE-Contaminated Superfund Site. 1995 Fall American Geophysical Union Meeting.
- * G. Baker, P. Cherichetti, K. Cyr, J. DeVico, R. Gascoyne, J. Gatti, D. Kinney, E. Peper, J. Rohrer, L. Warner, 1991. Lehigh University Campus Soils, A Preliminary Sedimentologic Study. Contribution 001 of Campus Environmental Studies Series.