

Summary of Qualifications of Experts Commenting on Behalf of the Clean Water Coalition of
Northern Sonoma County

Dr. Fred Corson

Fred Corson attended the College of Marin, CA, the University of Paris, France, and the University of California at Davis, where he obtained a Bachelor of Science degree in Organic Chemistry in 1964 and a doctorate in Physical Organic Chemistry in 1967. He joined the Dow Chemical Company as a Senior Research Chemist in 1967. During his Dow career, specific job activities included research and research management on trace chemicals analysis, toxicology, epidemiology, fate of chemicals in the environment, impacts of chemicals on people and the environment, membrane separation systems for water purification, and wastewater treatment permitting and operations. He retired from Dow in December 1998 as Vice President and Director of Research and Development and a member of the Board of Directors. He and his wife live in the Dry Creek Valley where he grows grapes. He is also a timber owner and operator on family property in Mendocino County.

Dr. Nicholas M. Johnson

Nicholas Johnson received a BA in Earth Sciences, Environmental Studies from UC Santa Cruz in 1977, an MS in Hydrology from the University of Arizona in 1980 and a PhD in Earth sciences from UC Santa Cruz in 1994. He received certification from the State of California as a Professional Geologist in 1988 and a Certified Hydrologist in 1999. His work experience includes Hydrologist positions at Santa Cruz County Watershed management Office, H. Esmaili & Associates, J.H. Kleinfelder & Associates, Hydrologist and Project manager at CH2M HILL, Senior Hydrologist at Geomatrix Consultants, Water Resources Consultant from 1999 to 2008, and Principal Hydrologist at MWH from 2008 to the present. His clients include industry, public and private water purveyors, regulatory, planning and resource agencies, private developers and selected environmental interests. Dr. Johnson's skills and expertise include comprehensive hydrogeologic conceptual models; analytical and numerical modeling of groundwater flow and solute transport; water and chemical balances; remedial strategies and performance assessment; wells and aquifer testing; surface water-groundwater interactions; conjunctive use and artificial recharge; hydrostratigraphic and geostatistical analysis; streamflow, runoff, and flood frequency estimation; and water-supply planning.

Dr. Richard Kagel

Richard Kagel received his B.S. in Chemistry from Clemson University in 1977 and his Ph.D. in Analytical Chemistry from the University of Idaho in 1982. He received a Post-Doctoral Fellowship sponsored by the National Oceanic and Atmospheric Administration in 1982 to perform acid rain related research and a second Post Doctoral Fellowship sponsored by the Hewlett Packard Corporation in 1983 to help develop and teach "mini-courses" in analytical measurement techniques. From 1984-1985 he worked for Rockwell International's Space Transportation Division researching material failures on the Space Shuttle. He worked as Senior Chemist and Manager of Research and Development at Rainin Instrument Company (a division of Mettler Toledo) in Berkeley, CA from 1985-1989 developing new instrumentation for trace level measurements in environmental and biological samples. In 1989, he joined K Prime, Inc. as Senior Chemist and in 1992 became Laboratory Director where he continues to serve. As Director, Dr. Kagel is responsible for the implementing laboratory methods and protocols for determination of trace organic compounds in a wide range of sample types including drinking water, groundwater, wastewater, soil and air. His laboratory work has supported projects including USEPA Superfund sites, remedial investigations of contaminated soil and groundwater, wastewater treatment and discharge compliance, risk assessment for residential development and other projects assessing environmental quality. Dr. Kagel, his wife and 12 year old son live in Dry Creek Valley where they grow wine grapes.

Don McEnhill

Don McEnhill holds a Bachelor's degree in Business Administration from CSU Sacramento, is a state certified water quality monitoring trainer and has trained in field investigation and reporting. He was hired in 2000 by Friends of the Russian River to create and launch the Russian Riverkeeper program where implements Riverkeeper's advocacy and on the River programs, acts as the voice for the river and directs staff and volunteers.

Dr. Swee Teh

Swee Teh received BSc in Medical Technology (1985) and MSc in Human Anatomy (1987) in School of Medicine from West Virginia University and PhD in Comparative pathology (1996) in School of Veterinary Medicine from University of California-Davis. He has over 20 years of extensive field and laboratory research experience in carcinogenesis, ecotoxicology, endocrine disruption, and biomarker studies. He has an active research program that centers on the study of aquatic ecosystem health with a special interest in understanding the consequences of environmental degradation in the survival and reproduction of aquatic organisms, and ultimately linking individual health to population decline. He has used histopathologic biomarkers extensively as a screening tool to establish an initial weight of evidence of contaminant effects on fish and shellfish. He has also developed a medaka fish model DNA microarray gene chip to screen endocrine disrupting chemicals in surface and groundwater.

Dr. Howard Wilshire

Howard Wilshire earned a BS degree in Geology from the University of Oklahoma and a Ph.D. from the University of California, Berkeley. He joined the U.S. Geological Survey as a research geologist after 5 years of teaching geology at Sydney University and research at the Australian National University. His 35-year USGS career included geologic mapping, Apollo astronaut training and lunar research, studies of processes operating in the earth's upper mantle and lower crust, and broad-ranging studies on geologic processes at the land surface. His surface process studies focused on environmental impacts of human activities in arid lands, including off-road vehicular recreation, radioactive waste disposal, energy developments, military activities, utility corridor construction, grazing, mining, road-building, earth art, waste disposal, centralized wind and solar energy developments, and other subjects. Dr. Wilshire is Board Chairman of Public Employees for Environmental Responsibility (PEER), a national environmental organization.

Eugene B. (Gus) Yates

Gus Yates received a BA in Geology from Harvard University in 1979 and an MS in Water Science from the University of California at Davis in 1985. He received certification from the American Institute of Hydrology as a Professional Hydrologist in 1992 and from the state of California as a Professional Geologist in 2001 and a Certified Hydrologist in 2002. Work experience includes Hydrologist and Project Manager, US Geological Survey, Water Resources division from 1982 to 1991, Senior Hydrologist and Project Manager, Jones and Stokes Associates from 1991 to 1999, and Consulting Hydrologist, Davis and Berkeley, CA from 1999 to the present. He provides consulting services in surface water and groundwater hydrology and water resources management to public agencies, private-sector clients, and nonprofit groups. His project experience has included work for ESA and PRMD concerning evaluation of hydrologic models for Syar Phase VI use permit and ARM Plan Amendment in 2007.

