

# Wagner Bonsignore

Consulting Civil Engineers, A Corporation

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James C. Hanson

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## **ROBERT C. WAGNER PROFESSIONAL RESUME**

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### **REGISTRATION:**

Civil Engineer, California (License No. 52903)

Civil Engineer, Nevada (License No. 021017)

### **EDUCATION:**

B.S. Civil Engineering - California State University, Sacramento, CA - 1988

### **EXPERIENCE:**

Mr. Wagner is the president of Wagner & Bonsignore Engineers and is a Registered Civil Engineer in California and Nevada, with 23 years experience in water resources management, water right analysis, surface and groundwater water hydrology and land use evaluations for municipal and agricultural projects. Mr. Wagner has been the court appointed Mojave Watermaster for over 17 years and has provided expert witness testimony on various matters related to water resources and water rights in court and before the State Water Resources Control Board. Mr. Wagner has demonstrated expertise in areas of consumptive use analysis, watershed hydrology, facility design for storm water capture and analysis of return flow to support water transfers, administration of court ordered judgments and water supply sustainability.

Mr. Wagner serves a wide variety of private and public clients throughout California, managing projects from concept to implementation. Mr. Wagner's work includes pre-1914 appropriative water right investigation, analysis of riparian and overlying water rights and appropriative rights administered by the State Water Resources Control Board.

Mr. Wagner has demonstrated communication skills to work with a wide range of legal and technical professional and stakeholder groups. He has strong organizational and analytical skills and a recognized ability to provide cost effective solutions to difficult water resource problems.

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**RECENT EXPERIENCE INCLUDES THE FOLLOWING:**

Provide engineering services for Chino Basin Water Conservation District, San Bernardino County in connection with storm water recharge in Chino Basin.

Watermaster Engineer for Orange County Water District; perform analysis of hydrologic and water quality data for the Santa Ana River Watershed for Water Year 2009-10; distinguish storm flow and base flow at Prado Dam and at Riverside Narrows, preparation of portions of the Watermaster's annual report to the Court.

Provide engineering services for Lake Alpine Water Company / Alpine County in connection with the State Water Resources Control Board water right hearing and hydrology of South Fork Stanislaus River for State Filed Application 5648.

Provide Engineering services for Natomas Mutual Water Company, in connection with the water rights. Evaluation of water rights for 51,000 acres of agricultural operation, water right analysis and water transfers.

Provide engineering services on behalf of City of Sacramento in connection with the Water Resources of the American River.

Provide engineering services on behalf of City of Ukiah in connection with water rights and hydrology of the Russian River, Mendocino County.

Provide engineering services on behalf of Sonoma County Water Agency in connection with development of agricultural reuse project for use of treated wastewater for vineyard irrigation.

Provide engineering services in connection with analysis of water production and hydrologic data for development of water use agreements for over 100 growers in the Dry Creek Valley in Sonoma County.

Provide engineering services for City of Santa Maria in connection with the hydrologic resources of the Santa Maria Groundwater Basin.

Engineering expert in the matter of Bonadiman v. Evans in San Bernardino Superior Court on behalf of prevailing party Evans. Research and documentation of water development and water right acquisition dating to 1883.

Provide engineering services for The Wildlands Conservancy in connection with water resource matters for extensive land holdings in San Bernardino and Kern Counties.

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Provide engineering services for Wells Fargo Bank in connection with the analysis of water rights and water availability on the Kern River.

Watermaster Engineer for the Mojave Basin Area Watermaster in the matter of the Mojave River Adjudication, City of Barstow, et al, vs. City of Adelanto, et al. Collection and analysis of data for preparation of Annual Watermaster Report, including groundwater production and hydrology studies of the Mojave River System and groundwater basin in connection with storm flow base flow separation determination and the analysis of water transfers and land use changes. Preparation of Annual Watermaster report.

Provide engineering services on behalf of the Mojave Water Agency in connection with Mojave Basin Area Adjudication. Coordinate activities for professional and subprofessional staff for collection, analysis and verification of water production records for approximately 7,000 wells in the Mojave River Basin. Participate in meetings of the Joint Engineer-Attorney Drafting Committee formed to negotiate and draft the Stipulated Judgment. Participation in the drafting and ongoing revisions of the Watermaster Rules and Regulations.

Provide engineering services in connection with engineering services for the Warren Valley Basin Watermaster, San Bernardino County. Analysis of groundwater production records and basin hydrology for preparation of Annual Watermaster Report.

Provide engineering services in connection with work for East Valley Water District, San Bernardino County, regarding the analysis of surface and subsurface hydrology of the Santa Ana River and the availability of water for the Seven Oaks Dam Project and fully appropriated listing of the Santa Ana River.

Provide engineering services on behalf of Kirkwood Associates before the State Water Resources Control Board in the matter of South Fork American River Hearings, October 1995. Analysis of the South Fork American River and Caples Creek hydrology in connection with same.

Provide engineering services in connection with work for High Desert Water District, San Bernardino County, regarding the analysis of water quality and ground water elevation data for monitoring the potential impacts of ground water extractions from the Ames Valley Basin.

Provide engineering services in connection with work for Hidden Valley Lake Community Services District, Lake County, regarding the hydrologic analysis of Upper Putah Creek Watershed and the Coyote Valley groundwater basin in support of amendments to fully appropriated stream status and applications to appropriate surface and subsurface water from Putah Creek; continued monitoring of the Coyote Valley groundwater basin in connection with administration of water rights.

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## **CONTINUING EDUCATION**

"California Environmental Quality Act Update", University of California, Davis - February 1992

"California Water Law", University of California, Davis - November 1989 to January 1990

"Understanding Wetlands and 404 Permitting", ASCE July 1997

"Fundamentals of Water Rights and Colorado River Issues", University of Nevada, Las Vegas  
January 1998

"Fundamentals of Groundwater Hydrology", UC Berkeley Extension, July 2002

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