

JAMES C. HANSON
PROFESSIONAL RESUME

EDUCATION:

B.S. Civil Engineering . University of the Pacific . 1960

CONTINUING EDUCATION:

- < University of California, Davis Extension . Design of Earth Fill Dams, 1962
- < University of California, Berkeley Extension . Solution of Seepage & Drainage Problems, 1967
- < University of MO, Rolla . Fundamental Hydraulics & Hydrology of Dam Design, 1985
- < American Society of Civil Engineers - Understanding Wetlands and 404 Permitting, 1997
- < University of Texas, Austin . Clay Liners and Covers for Waste Disposal Facilities, 1988
- < University of NV, Las Vegas - Fundamentals of Water Rights & Colorado River Issues, 1998
- < University of Florida - Construction Site De-Watering, 1999
- < University of Wisconsin-Madison - Earthwork Construction, 2000
- < American Society of Civil Engineers, GIS Applications in Water, Wastewater and Stormwater Systems, 2001
- < University of Wisconsin-Madison - Foundation Design, 2002
- < American Society of Civil Engineers - Introduction to the Design & Construction of Tunnels, 2002
- < American Society of Civil Engineers - Construction Administration for Engineers, 2003

REGISTRATION:

Civil Engineer, California (Lic. No. 15156)
 Civil Engineer, Arizona (Lic. No. 30817)
 Civil Engineer, Idaho (Lic. No. 5524)
 Civil Engineer, Nevada (Lic. No. 12319)
 Civil Engineer, Oregon (Lic. No. 14377)
 Civil Engineer, Washington (Lic. No. 28132)

PROFESSIONAL MEMBERSHIPS:

Member . American Society of Civil Engineers
. National Society of Professional Engineers

EXPERIENCE:

James C. Hanson has 48 years of experience in the general practice of civil engineering and is a Principal and President of James C. Hanson, Consulting Civil Engineer, A Corporation, established in January 1971. Prior to that time, he was Staff Engineer and Senior Engineer with Clinton Henning, Consulting Engineer (predecessor to the Hanson firm).

He has a wide range of experience in construction and water resources engineering including:

- < Water right acquisition, administration, defense and litigation; planning, financing, design, and construction management for engineering structures for control, conservation, conveyance and use of water resources in the public and private sectors. Presently responsible for administration of over 150 water right applications, permits and licenses on file with the State Water Resources Control Board.
- < Consulting services to some 19 water service agencies throughout California and District Engineer for three such public agencies engaged in the development and delivery of agricultural water supplies and three Reclamation Districts engaged in drainage, levee maintenance and flood control.
- < Appointed by the Superior Courts of Riverside and Orange Counties to serve as a Committee Member on the Santa Ana River Watermaster and the Western - San Bernardino Watermaster in the administration of two court judgments allocating the ground and surface water supplies of the Santa Ana River and tributary groundwater basins. Served in this position for 15 years.
- < Consulting Engineer to Mojave Water Agency in connection with the adjudication of the Mojave River Basin Area.
- < Served as Engineer for the Mojave Basin Area Watermaster in the matter of City of Barstow et al, vs. City of Adelanto et al. Served in this position until November 2001.
- < Serve as Engineer for the Warren Basin Watermaster, in the matter of Hi-Desert Water District v. Yucca Water Company, Ltd.
- < Represent Napa County as member of the Putah Creek Watermaster Advisory Committee in connection with the Putah Creek Adjudication and Settlement Agreement in the matter

of Solano Irrigation District, et al vs. Appropriative Water Right Holders in Upper Basin, et al.

- < Engineer of Record in connection with material testing and evaluation, design, construction and/or repair, enlargement and rehabilitation of over 90 water storage and diversion dams under the jurisdiction of the California Department of Water Resources - Division of Safety of Dams.

- < Extensive experience in the investigation and materials evaluation, design and construction of low permeability clay/soil and synthetic liner systems associated with water storage facilities and waste disposal and containment of mine tailings.