

STATEMENT OF QUALIFICATIONS OF  
**ALEX HILDEBRAND**

**Agriculturally Related Qualifications**

- Director and Secretary of South Delta Water Agency 1973 -2004
- Engineer for South Delta Water Agency 2004 - present
- Past President of Delta Water Users Association and now a Director
- Past President of McMullin Reclamation District No. 2075 and now a Director
- President of San Joaquin River Water Users Company (non-profit water distributor within District #2075)
- Director of California Central Valley Flood Control Association
- President of San Joaquin River Flood Control Association
- Director (and member of Water Committee) of San Joaquin County Farm Bureau
- Past Member of California Farm Bureau Water Advisory Committee
- Owner (since 1944) and resident operator (since 1963) of 150-acre farm (in District #2075). Have made observations for several years of the depth of water percolation in two of my fields by use of Tensiometers, and have observed over many years the dramatic effect of variation in applied water salinity on the production and quality of produce from our family produce plot.
- Participated in development of South Delta Barrier Program
- Active participant in San Joaquin River Management Plan
- Expert witness in numerous hearings before the State Water Resources Control Board
- Former Member CalFed Bay/Delta Advisory Council

**Professional Qualifications**

- Honors Degree in Physics from U.C. Berkeley
- Registered Professional Engineer
- Former Assistant Chief Engineer of Chevron's Richmond Refinery
- Retired Director of Chevron's Oil Field Research Laboratory. The research in that laboratory covered a broad spectrum of science and engineering, including substantial research on the flow of fluids through permeable earth materials (both in laboratory and field tests) together with the movement of dissolved materials. This work required an understanding of the mechanisms of fluid flow, the physical chemistry involved, and the consequences of non-uniform permeability. Also responsible for analyzing and determining the applicability of these research results to commercial operations.