

SUMMARY OF PROFESSIONAL QUALIFICATIONS OF BOB SUITS

EDUCATION

Bachelor of Science in Mathematics, June 1979, California Polytechnic State University, San Luis Obispo

Master of Science in Civil Engineering, August 1985, University of California, Davis

PROFESSIONAL

Registered Professional Engineer in California, Civil No. C44210

CURRENT EXPERIENCE

Senior Engineer in the Delta Modeling Section of DWR's Bay-Delta Office; duties include conducting hydrodynamic and water quality computer modeling studies to characterize historical Bay-Delta hydrodynamics and transport processes and to assess various proposed alternatives in the Bay-Delta.

PREVIOUS EXPERIENCE

Twenty years of water resources engineering experience including water resources planning, environmental impact documentation, and hydrodynamic and water quality modeling of the Sacramento-San Joaquin Delta estuary.

PUBLICATIONS

Mierzwa, M. and Suits, B. (2004). "Chapter 8: Real-Time Data and Forecasting Proof of Concept and Development." *Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh. 25th Annual Progress Report from the California Department of Water Resources to the State Water Resources Control Board.* California Department of Water Resources, Bay-Delta Office. Sacramento, CA.

Wilde, J. and Suits, B. (2004). "Chapter 3: DSM2 Geometry Investigations." *Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh. 25th Annual Progress Report from the California Department of Water Resources to the State Water Resources Control Board.* California Department of Water Resources, Bay-Delta Office. Sacramento, CA.

- Suits, B. (2002). "Chapter 5: Relationships between Delta Water Quality Constituents as Derived from Grab Samples." *Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh. 23rd Annual Progress Report from the California Department of Water Resources to the State Water Resources Control Board.* California Department of Water Resources, Office of State Water Project Planning. Sacramento, CA.
- Suits, B. (2002). "Chapter 6: Calibrating DSM2 QUAL Dispersion Factors to Practical Salinity." *Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh. 23rd Annual Progress Report from the California Department of Water Resources to the State Water Resources Control Board.* California Department of Water Resources, Office of State Water Project Planning. Sacramento, CA.
- Suits, B. (2002). "Chapter 7: Generating Monthly Dissolved Organic Carbon and UVA at DSM2 Boundaries." *Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh. 23rd Annual Progress Report from the California Department of Water Resources to the State Water Resources Control Board.* California Department of Water Resources, Office of State Water Project Planning. Sacramento, CA.