

SUMMARY OF PROFESSIONAL QUALIFICATIONS OF PAUL MARSHALL

EDUCATION

M.S. in Civil Engineering, August 1995, California State University, Sacramento.

B.S. in Civil Engineering, May 1988, California State University, Sacramento

PROFESSIONAL AFFILIATIONS

Registered Professional Engineer in California, NO. C051016.

CURRENT EXPERIENCE

Chief of the South Delta Improvements Program for the Department of Water Resources, Bay-Delta Office. Responsible for development of environmental documents and permits South Delta Improvements Program and various projects within the Delta.

PREVIOUS EXPERIENCE

Three years as the Environmental Water Quality Program Manager for the CALFED Bay-Delta Program.

Preparation of Environmental and Programmatic Documentation

- Responsible for editing the Water Quality Impact Analysis for a Draft and Final Programmatic EIS/EIR. Editing incorporated technical contributions from several agencies and consultants as well as public comment. Responsible for approximately 750 pages of 6,500 pages.
- Responsible for writing and editing the Water Quality Program Plan, a technical appendix of the Programmatic EIS/EIR.
- Composed, edited, and compiled responses to public comments on water quality sections of the impact analysis and the Water Quality Program Plan.
- Integrated Water Quality concepts into other programs within the CALFED effort.

Building a Comprehensive Program

- Coordinated efforts of several workgroups consisting of agency and stakeholder technical staff to compose and edit individual chapters explaining the problem, current efforts, and proposed actions. Areas of concern include Hypoxia, Pesticides, Salinity, Selenium, Trace Metals, Mercury, Sedimentation, Drinking Water, and Toxicity of Unknown Origin.
- Developed implementation strategies and priorities based on advice and concerns of agency and stakeholder representatives.

- Determined unique role of the CALFED Bay-Delta Water Quality Program among the many State and Federal water quality efforts.

Ten years of water quality regulatory experience for the Central Valley Regional Water Quality Control Board.

- Responsible for permitting and enforcement for different segments of the Region at different times. Responsible for Clean Water Grant and Small Communities Grant coordination.
- Proposed regulatory activities for agencies and industries in 5 counties
- Represented the Regional Board in permitting and enforcement meetings
- Managed regulatory activities of more than 100 sites in 10 counties at various times. Reviewed remediation and treatment designs for adequacy to meet regulations and long term compliance. Conducted site characterization and remediation studies