

**EILEEN M. WHITE, P.E.**  
East Bay Municipal Utility District  
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## **SUMMARY OF QUALIFICATIONS**

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As the Chief Operator of the East Bay Municipal Utility District's extensive water transmission and distribution system, I am responsible for balancing various competing operating goals and objectives including delivering, treating, and distributing high quality water to 1.4 million customers, meeting obligations to downstream water users, managing releases and temperatures for fisheries, managing operations for downstream flood control, maintaining sufficient carryover storage for droughts, outages, and other emergencies, and planning and adaptively managing to provide hydropower benefits consistent with all other project objectives and obligations. I am a licensed Professional Engineer in California and a licensed Water Distribution Operator Grade 5 with over thirty years of applicable experience.

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## **PROFESSIONAL EXPERIENCE**

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### **EAST BAY MUNICIPAL UTILITY DISTRICT**

**August 1987 - Present**

#### **Manager, Operations and Maintenance Department**

**June 2008 - Present**

- Responsible for managing the daily operation of EBMUD's water system within the constraints imposed by limited system capacities, limited natural runoff, license and permit terms, various water rights agreements, and state and federal drinking water and environmental regulations.
- Lead and manage a staff of 200 employees in the analysis, planning, and scheduling of the District's raw water system operations, including Pardee, Camanche, terminal reservoirs, and raw water pumping plants to maximize yield and hydropower generation and conform to water rights, contractual commitments, flood control, and environmental release requirements. Develop and manage a \$50 million annual operating budget and a \$60 million capital improvement program.
- Chair the Freeport Operations and Maintenance Committee. Collaborate with Sacramento County Water Agency (SCWA), the U.S. Bureau of Reclamation and other agencies to coordinate the delivery of Sacramento River water to the East Bay. Develop interim and long-term operations and maintenance plans, schedules, and budgets in coordination with SCWA. Led preparation of operational studies for Freeport Regional Water Project.

- Lead water system operations in collaboration with numerous agencies, including the U.S. Army Corps of Engineers, the California Department of Fish and Game, Pacific Gas and Electric (PG&E), the City of Lodi, Woodbridge Irrigation District, and the Federal Energy Regulatory Commission.
- Ensure the timely and accurate preparation of regulatory reports and Board materials. Represent the District at conferences and meetings with Federal, State, local elected officials, and the public.
- Obtained \$34 million for levee improvements to protect the District's aqueducts through the Delta. Led Mokelumne River watershed stakeholders committee to completion of the Upper Mokelumne River Watershed Assessment Project.

### **Manager of Water Treatment and Distribution**

**March 2000 – June 2008**

- Managed 115 employees responsible for the operations of the District's water treatment plants and distribution system, which includes 175 distribution reservoirs and 130 pumping plants to provide high quality water to 1.4 million customers. Developed and administered a \$26 million annual operating budget and a \$51 million capital improvement program.
- Directed staff in analyzing, planning, and scheduling the operations of the District's raw water system to maximize yield and hydropower generation and conform to water rights, contractual commitments, flood control, and environmental release requirements.
- Provided leadership in preparing operational studies for supplemental supply projects such as the Freeport Regional Water Project and intertie projects.

### **Senior Civil Engineer, Seismic Improvement Program, Engineering Department**

**January 1997 - March 2000**

- Led the strategic planning for the \$189 million Seismic Improvement Program including development of the five-year master schedule and budget, to ensure that resources were fully utilized, cash flow projections were met, and goals were achieved.
- Supervised five employees in the preparation of over seventy outage plans to take water tanks, pipelines, pumping plants, and other major water facilities out of service so seismic repairs could be performed.
- Led numerous public meetings to discuss the purpose and construction impacts of the eleven-mile Southern Loop Pipeline. Worked collaboratively with the public to address their issues and gain their support for the project.

**Co-Manager, Seismic Improvement Program, Engineering Department  
October 1998 - April 1999**

- Supervised twenty employees in preparing and administering the \$189 million Seismic Improvement Program. Oversaw the planning, design, construction, and coordination of projects including developing work plans, setting and adhering to individual project budgets, setting and achieving interim milestones, and controlling quality of projects.

**Acting Manager, Remote Wet Weather Program, Wastewater Department  
May 1996 - July 1996**

- Supervised eighteen employees and responsible for over \$30 million in wastewater design and construction projects. Administered the program's budget, developed program priorities to achieve department goals, and managed staff to ensure that projects were completed on schedule and within budget.

**Senior Civil Engineer, Remote Capital Projects Section, Wastewater Department  
February 1996 - January 1997**

- Supervised six employees and responsible for over \$25 million in capital construction projects and developing the Interceptor Rehabilitation Assessment and Program. Directed and coached staff in administering construction contracts, including the \$9 million Pump Station C and Storage Basin, and the \$15 million San Antonio Creek Wet Weather Facility.

**Senior Civil Engineer, Penn Mine Section, Wastewater Department  
July 1994 - February 1996**

- Supervised two staff and managed a \$1.0 million budget. Led a team of representatives from the U.S. Environmental Protection Agency, California State Water Resources Control Board, the Regional Water Quality Control Board, and two environmental groups to develop and agree on a long-term solution to the Penn Mine problem. Planned and implemented the mitigation measures for the Penn Mine site, including the seasonal operation of the treatment and diversion systems.

**Associate Civil Engineer, Design Division, Engineering Department  
December 1993 - July 1994**

- Coordinated and worked with various departments on complex engineering projects such as the preparation of the Trench Spoils Management Plan. Developed project schedules, monitored project costs, reviewed consultants' work, and managed consultants' contracts.

**Associate Civil Engineer, Water Resources Division, Natural Resources Department  
August 1990 - December 1993**

- Conducted engineering studies, identifying and evaluating various alternatives for meeting long-term water supply needs from technical, economical, and environmental standpoints. Developed project schedules, monitored project costs, reviewed consultants' work, and managed consultants' contracts. Reviewed and evaluated impacts of proposed legislation.

**Limited Term Associate Civil Engineer, Design Division, Engineering Department  
August 1989 - August 1990**

- Prepared schedules, design calculations, drawings, cost estimates, and specifications for water-related projects. Managed consultants' contracts and reviewed consultants' work.

**Assistant Civil Engineer, Design Division, Engineering Department  
February 1989 - August 1989**

- Prepared schedules, design calculations, drawings, cost estimates, and specifications for water-related projects. Analyzed engineering problems, monitored project costs, and provided technical support during construction.

**Assistant Civil Engineer, Planning Division, Engineering Department  
August 1987 - February 1989**

- Performed computer modeling and hydraulic analyses for sizing distribution pipelines and recommending distribution system improvements. Directed the work of the pipeline designer and engineering clerk in the preparation of water service estimates.

**PACIFIC GAS AND ELECTRIC COMPANY  
July 1985 - July 1987**

**Design Engineer, Hydroelectric Engineering Department**

- Prepared design calculations, drawings, cost estimates, and Environmental Emergency Plans for PG&E facilities. Designed and detailed structures, pipelines, access roads, hazardous waste containments, and site improvements for numerous facilities.

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**ACADEMIC BACKGROUND**

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**University of California, Berkeley  
Bachelor of Science, Civil Engineering, June 1985**

- Academic scholarship for all four years
- Recipient of the University of California Berkeley Department of Civil Engineering Outstanding Leadership Award, June 1985

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**PROFESSIONAL LICENSES AND ASSOCIATIONS**

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Registered Professional Civil Engineer in California

State Water Resources Control Board, Division of Drinking Water, Water Distribution  
Operator Grade 5 License

Member of the American Water Works Association

Member of the American Society of Civil Engineers

Chief Operator, East Bay Municipal Utility District