

1 **Jack S. Safely, P.E.**
2 1807 Santa Rosa Court
3 Claremont, California 91711
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6 **SUMMARY**

7 Over 19 years of experience in civil engineering projects. The majority of this work has been in
8 the water resources area, including preparation of facility planning studies, cost estimates,
9 technical studies, economic analyses and capital budgets. Project management experience
10 includes oversight of consultants and staff, coordination with regulatory agencies, preparing
11 budgets, and leading implementation of water resource programs.
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13 **PROFESSIONAL REGISTRATION**

14 Registered Civil Engineer in California
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16 **EDUCATION**

17 B.S. in Civil Engineering, California State Polytechnic University, Pomona
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19 **EXPERIENCE**

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21 *Water Resources Manager, Western Municipal Water District (2005 – present)*

22 Plan, organize, direct and implement the District's Water Resource activities; develop strategies,
23 policies and programs to enhance local and imported water resource opportunities and
24 implement water resource projects. Direct, develop and participate in the preparation of highly
25 complex programs, projects, studies and reports relating to current and long-range water
26 resources planning, water demand, supply forecasting, and project compliance and mitigation;
27 formulate policy initiatives relative to water and environmental resources; establish the scope,
28 schedule and budget for resources planning studies, projects and programs.
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30 *Sr. Engineer, Metropolitan Water District of Southern California (1990 – 2005)*

31 Project manager for the Riverside Area Study, a planning study that forecasts future water
32 supplies and demands for Metropolitan's service territory in Riverside County. The study will
33 determine long-term facility needs and evaluate alternatives and costs to meet imported water
34 demands in the Inland Empire. Project manager for the Perris Valley Pipeline, a 96-inch
35 diameter pipeline that will serve water to Riverside County. Responsible for negotiation of
36 cost-sharing agreements and coordination of project activities with multiple water agencies and
37 consultants.
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39 Project manager for development and implementation of the Cadiz Groundwater Storage and
40 Dry-Year Supply Program, a \$167 million conjunctive use and water transfer project near the
41 Colorado River Aqueduct. Oversaw preparation of engineering studies and state and federal
42 environmental documentation. Prepared project budgets, conducted public hearings and
43 coordinated review of the project with the Bureau of Land Management, National Park Service,
44 U.S. Geological Survey, San Bernardino County and other interested parties. Coordinated staff
45 efforts to evaluate technical, legal and financial aspects of the project and managed consultants.

46 **EXPERIENCE** (cont'd)

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Negotiated agreements and managed contracts for Category III projects for non-flow enhancements to Butte Creek agricultural diversions in northern California to enhance the reliability of State Water Project supplies. Coordinated project funding agreements and implementation with U.S. Bureau of Reclamation, California Department of Fish and Game, public and private users of Butte Creek water, and a non-profit group.

Project engineer for numerous Metropolitan Water District supply and distribution system projects, including the 1996 System Overview Study that defined Metropolitan’s long-term capital facility plan. Prepared technical studies for various water supply and conveyance projects, including the Skinner Filtration Plant Study Update, the Central Pool Augmentation (CPA) and Water Quality Project, San Joaquin Reservoir Improvement Project and Perris Pumpback Expansion. Prepared water treatment plant facility layouts for the ultimate 1,200 cfs capacity CPA Project and portions of the CPA Project technical report. Managed preparation of an Environmental Impact Report for the San Joaquin Reservoir Improvement Project, a 55-acre floating cover. Prepared the Perris Pumpback Expansion report and a Negative Declaration for the project under CEQA guidelines.

Typical duties included administration of consulting services agreements, preparation of project cost estimates, economic and technical studies for water supply and conveyance projects.

Associate Engineer, James M. Montgomery Consulting Engineers, Inc. (1986 – 1990)

Prepared water system master plans for various agencies and municipalities including the Cities of Pomona, Riverside, Burbank, Eastern Municipal Water District and others. Responsibilities included forecasting future water demands and performing hydraulic analyses of water distribution systems to determine adequacy of the system to meet peak demands, pressure and fire protection requirements. Recommended system design criteria, capacities, alignments and sites for water distribution system improvements such as new pipelines, pumping stations, pressure regulating stations and storage reservoirs.

Resident project representative for a 200 cfs pumping station. Performed construction inspection of structural concrete, reinforcing steel, mechanical and electrical equipment installation, pipelines and site work to ensure compliance with design plans and specifications. Coordinated earthwork and electrical inspection subcontractors for Southern California Edison Company substation. Coordinated plan clarifications and change orders with office engineering. Responsible for daily construction reports and administration of \$5 million construction contract.