

Summary of Professional Qualifications of John V. Bednarski

Education

B.A. Chemistry, Claremont McKenna College, Claremont, California (1979), M.S. in Environmental Engineering (1981), and Masters of Public Administration (1997) from University of Southern California, Los Angeles, California.

Professional Affiliations

Registered California Civil Engineer, Number C48799

Current Experience (2013 to Present) Metropolitan Water District of Southern California

Section Manager – Water Supply Initiatives

From 2013 to present: Responsible for leading Metropolitan's engineering support to DWR for the California Water Fix. Lead engineering staff on the development of the Conceptual Engineering Report dated July 1, 2015 as a supporting document to the EIR/EIS for the program. Work included reconfiguring river intakes, tunnels and pumping systems to achieve budget, schedule and environmental commitments for the program. Since 2012, I have participated as a member of the Design and Construction Enterprise, formerly the Chief Program Management Team charged with planning and implementing the planning efforts of the CWF facilities.

Responsible for planning and directing all engineering activities related to Metropolitan's potential 150MGD regional recycled water program which will eventually include design and construction of advanced water treatment facilities and approximately 60 miles of distribution pipelines in a complex urban environment.

Previous Experience (1991 to 2013) Metropolitan Water District of Southern California

Section Manager- Infrastructure Reliability:

From 2010 to 2013: Plan and manage through five direct reports the work of approximately 100 staff for all construction management activities for Metropolitan Capital Investment Program which includes approximately \$100 million in annual construction work. Served as Metropolitan's project sponsor on numerous high-profile construction projects which included regular participation in meetings, discussions and negotiations with construction contractor counterparts in the areas of project "partnering", dispute resolution, and project/program close-out.

Program Manager: Inland Feeder Program. From 2005 to 2010: Responsible for planning and directing staff and consultants in the completion of the \$1.1 billion Inland Feeder Program, with a focus on completing construction of the \$450M Arrowhead Tunnels. Negotiated and resolved contract disputes with contractors, led negotiations with contractors to re-structure original contracts to place project back on track for completion. Oversaw all construction management activities related to the tunnels construction through staff and consultants.

Unit Manager: Program Management Unit. From 2000 to 2005: Through five direct reports, responsible work the work of approximately 80 professional and technical staff for project and program management of Metropolitan's Capital Investment Program. Major programs included design and construction of the approximately \$1billion Oxidation Retrofit program at five water treatment plants, \$100 million chlorine containment program, and numerous large diameter pipeline refurbishment and replacement projects.

Project Manager/Engineer: Oxidation Retrofit Program, Various Water Treatment Plant Projects. From 1991 to 2000: Design and project engineer on numerous water treatment plant upgrade and expansion projects. Responsibilities included conducting detailed design of civil and mechanical systems, coordinating design activities of other disciplines on work in related structures or plant facilities, developing plans and specifications for advertisement of construction bids of related work.

Previous Professional Experience (1981 to 1991) Los Angeles Department of Water and Power:

Associate Engineer, performed a variety of functions and job related duties on differing project assignments including: design engineer, project engineer, construction management team member.

Publications

Principal author of: *"Update on the Pipeline/Tunnel Option for the Delta Habitat Conservation and Conveyance Program"*, Rapid Excavation and Tunneling Conference 2013.

Principal Author of: *"Evolution of a Mega Project: Update on the Bay Delta Tunnels Project"*, Rapid Excavation and Tunneling Conference 2015.

Contributing Author of: *"Piercing the Mountain and Overcoming Difficult Ground and Water Conditions with Two Hybrid Hard Rock TBMs"*, Rapid Excavation and Tunneling Conference 2007.