

SENIOR CIVIL ENGINEER

Revised: March 31, 2015

Definition:

Under the general direction of the Engineering Unit Manager, the Senior Civil Engineer plans, schedules, reviews, coordinates, and supervises the design of water transmission and distribution systems, reservoirs and pump stations and performs other related work as required.

Distinguishing Features:

The incumbent is relied upon to provide sound engineering decisions and design direction to all engineers and technicians in the Group related to the planning and design of water distribution systems and other facilities. Duties require the frequent use of initiative, independent judgment, and contact with contractors, consulting civil engineers, permitting agency representatives and personnel within the Company.

Principal Duties & Responsibilities:

Plans, schedules, assigns, supervises and reviews the work of subordinate engineers, engineering technicians and consultants involved in the design of project drawings; reviews and approves all project cost estimates; provides training for the development of assigned personnel; helps coordinate the group's activities with other departments and with outside organizations; updates standard drawings and specifications; coordinates encroachment permit requests and requirements with local, state and federal agencies as required; observes field project sites and coordinates construction of proposed projects with the Construction and Operations Departments; solves field problems; serves on the engineering design review group, the materials review committee and other committees within and outside of the Company as assigned; performs special projects and written reports as required.

Education and Experience:

Bachelor's degree (from accredited school) or equivalent in Civil Engineering or a related field and four years of professional engineering work experience related to water systems and facilities, including one year at a senior level. Position requires California State Registration as a Professional Civil (or Mechanical) Engineer.

Required Knowledge, Skills & Abilities:

Extensive technical knowledge of principles and practices of civil engineering as applied to water supply distribution, installation and expansion of service area; knowledge of supervisory principles and practices; applicable regulatory codes and laws related to the design, construction and operation of California water utilities. Good written and oral communication skills are required.

Other Requirements:

Must possess a valid California driver's license and have a satisfactory driving record.

Assignment and Special Duties

Additional special duties are required based on assignment to specific group within the Engineering Department.