ENVIRONMENTAL ENGINEER

DEFINITION

Under general supervision, monitors City compliance with environmental rules and regulations governing water and storm water quality, recycled water, wastewater, and sewer issues.

ESSENTIAL FUNCTIONS

(Essential functions, as defined under the Americans with Disabilities Act, may include the following tasks, knowledge, skills, and other characteristics. This list of tasks is ILLUSTRATIVE ONLY, and is not a comprehensive listing of all functions and tasks performed by positions in this class). Incumbents in this class may not be required to perform all duties listed and may be required to perform additional, position-specific duties.

TASKS

Monitors City compliance with environmental rules and regulations governing water and storm water quality, recycled water, waste water and sewer issues; oversees capital improvement projects involving water and storm water quality, recycled water, waste water and sewer distribution; prepares and designs plans and specifications for projects; prepares schedules, cost analysis and engineering calculations.

Complies and reports project correspondence, analysis and project implementation; assists in resolving conflicts with citizens and contractors and all phases of construction; inspects onsite and field work; writes staff reports and short form agreements.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS

Knowledgeable of environmental engineering practices and principles
Knowledgeable of cost analysis, calculation methods, and techniques
Knowledgeable of and proficient in operating a personal computer hardware and MS OFFICE software package
Knowledgeable of occupational hazards and safety guidelines
Skilled in planning and designing specifications for environmental projects
Skilled in following and providing oral and written communication in English
Skilled in establishing and maintaining productive working relationships
Ability to perform essential duties with little supervision
Ability to effectively communicate verbally and in writing to all levels of staff and the public

WORK ENVIRONMENT AND PHYSICAL REQUIREMENTS

Work is performed in indoor and outdoor environments. Work may require frequent standing, walking, climbing, and bending. Incumbents may be exposed to repetitive motion, vision to monitor, extreme temperatures and weather and construction sites.

ENVIRONMENTAL ENGINEER

QUALIFICATIONS

Bachelors degree in Engineering or closely related field, **AND** four (4) years experience in environmental engineering **OR** an equivalent combination of education and experience. Must possess at the time of application and maintain a valid California Driver's License. Depending on the needs of the City, incumbents in this job classification may be required to posses or obtain additional licenses and certifications.