

ENVIRONMENTAL WATER AND WASTEWATER ENGINEERDEFINITION

Under general supervision of the City Engineer or other professional engineer performs a variety of both office and field work in conjunction with Federal, State, Regional and Local regulations pertaining to the City's water and wastewater regulatory and monitoring programs. Supervision is exercised over technical personnel. Work is reviewed by conference and the analysis of reports and records.

TYPICAL EXAMPLES OF WORK

Reviews, interprets and recommends appropriate compliance programs dealing with Federal, State, Regional, and Local water and wastewater legislation and regulations. Monitors and inspects (non-domestic) wastewater discharges to assure compliance with appropriate (Pretreatment Program) Regulations. Recommends appropriate enforcement action to assure compliance. Responsible for the review and records maintenance of applications, inspections, reports, permits and enforcement actions affecting the City's water and wastewater programs. Prepares appropriate ordinances and/or resolutions pertaining to implementation and regulation of the programs. Prepares necessary reports for submittal to appropriate regulatory agencies. Reviews and assists with the implementation of the Non-Point Source regulations pertaining to storm water discharge as required. Performs environmental reviews as necessary. Assists in the review and evaluation of hazardous material spills and disposal requirement. Responds to the public concerning water quality, hazardous material disposal and sewage related questions. Creates and maintains a good working relationship and educational process between local businesses and the City concerning water and wastewater requirements. Reviews water well data and makes recommendations regarding aquifer and strata considerations. Performs other related duties as assigned.

QUALIFICATIONS, KNOWLEDGE AND SKILLS

**Minimum:** Bachelor's degree in one of the Civil Engineering disciplines with specialization in water resources and wastewater, environmental engineering, biological sciences, chemistry or related field and two years of professional experience. Ability to establish and maintain effective working relationships with other personnel and the public.

**Desirable:** Knowledge of the principles, practices, and techniques of bacteriology, biochemistry, microbiology and chemistry through quantitative analysis; knowledge of the operating characteristics, adoptabilities, and maintenance requirements of wastewater treatment, monitoring, sampling, and testing apparatus; knowledge of Federal and State environmental laws and regulations relating to the Clean Water Act, point source pretreatment standards and state water quality standards. Technical writing skills. Two years of supervisory level experience in field monitoring techniques, monitoring equipment, identification of hazardous wastes; knowledge of water aquifer characteristics.