



Maintenance Worker-Landscape Irrigation Specialist

Department/Division:	Public Works/ Parks
Reports To:	Maintenance Services Supervisor or Crew Leader
Provides Direction To:	Not applicable
Exemption Status:	Non-Exempt
Date Prepared:	June 19, 2007

GENERAL PURPOSE

Under general supervision, performs design, maintenance, construction, and repair tasks involving irrigation and sprinkler systems within the City; trouble-shoots problems, recommends system upgrades, and prepares reports; follows established work and safety procedures and uses various types of hand and power tools; and performs related duties as assigned.

ESSENTIAL FUNCTIONS

The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the class.

1. Considers irrigation system needs and makes recommendations regarding design modifications that would improve operational performance.
2. Trouble-shoots and solves electronic controller and timer problems involving all types of models.
3. Installs and maintains valves, heads, and other components; follows preventative maintenance schedule and also makes needed repairs.
4. Orders parts and maintains inventory; coordinates purchases with Maintenance Services Supervisor and Crew Leader.
5. Prepares logs and status reports.
6. Identifies material, tools and equipment needs for each assigned project.
7. Investigates irrigation problems reported by maintenance personnel and explains actions taken.
8. Performs other maintenance duties as needed, such as watering, mowing, trimming, edging, weeding, aerating, renovating, and fertilizing turf areas.

ESSENTIAL FUNCTIONS (continued)

9. Completes training required for continued landscape irrigation certification.
10. Responds to public inquiries and complaints; provides information regarding rules and regulations of the parks and other facilities; identifies and reports maintenance needs and safety hazards to appropriate staff.

QUALIFICATIONS GUIDELINES

Knowledge of:

Irrigation design specifications and functionality of components; programming methods and requirements given different soil conditions, plant materials, and weather patterns; irrigation equipment maintenance, trouble-shooting, and repair practices; basic methods, techniques and tools used in the construction and maintenance of parks, landscaped areas, medians, streets, sewers, and sanitation facilities; uses, purposes, and operating characteristics of irrigation control and construction and general maintenance tools and equipment; occupational health and safety hazards; safe driving principles and practices; traffic safety practices; proper set-ups and use of tools, equipment, and materials.

Ability to:

Participate in the analysis of irrigation systems needs and design modifications and upgrades for existing equipment; set up, trouble-shoot, and repair irrigation and control equipment problems; prepare logs and status reports; order irrigation parts and supplies; understand and follow health and safety codes and regulations; diagnose, trouble-shoot and repair irrigation problems; understand and follow oral and written directions; communicate effectively with co-workers, supervisors, management, and the general public.

Licenses; Certificates; Special Requirements:

A valid Class C California driver's license and the ability to maintain insurability under the City's Vehicle Insurance Policy. Certification as Landscape Irrigation Specialist by an appropriate training organization or association.

Education/Training/Experience:

A typical way of obtaining the knowledge, skills and abilities outlined above is graduation from high school or G.E.D. equivalent and three years of experience in the maintenance, construction, and repair of irrigation control systems related to parks, medians, streets, sewers, sanitation, and/or rights-of-way.

PHYSICAL AND MENTAL DEMANDS

The physical and mental demands described here are representative of those that must be met by employees to successfully perform the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Physical Demands

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, feel or operate objects, tools, or controls and reach with hands and arms. The position primarily works in field settings. The employee must have the ability to sit, stand, walk, talk, and hear. The employee is expected to bend, stoop, squat, kneel, climb, and crawl, depending upon work tasks, and to lift up to 50 pounds given materials moved and tools used. The employee is expected to install, operate and repair irrigation control equipment, and use shovels, hoes, brooms, and other tools given other job assignments. Specific vision abilities required by this job include close vision, color vision and the ability to adjust focus.

Mental Demands

While performing the duties of this class, the employee must be able to use written and oral communication skills; read and interpret data, information and documents; interpret policies and procedures; use math and mathematical reasoning; learn and apply new information or new skills; work under deadlines with interruptions; and interact with City staff, management, contractors, vendors, and public, occasionally in conflict situations.

ENVIRONMENTAL ELEMENTS

The employee constantly works outdoors and is subject to variable weather conditions and traffic, heat, dust, moisture and wetness as well as mechanical and electrical hazards, and applied chemicals. The employee is subject to loud construction noise in particular areas such as power tools, compressors, chippers, and large-scale motorized equipment. The employee may work in vaults and underground storage chambers. The employee must have the ability to travel to different maintenance sites and locations and may be available for on-call, stand-by, and emergency call service.