

SAN DIEGO CITY SCHOOLS

POSITION DESCRIPTION

TITLE:	Irrigation Control System Specialist	REPORTS TO:	Assigned Supervisor
DEPARTMENT:	Facilities Management	CLASSIFICATION:	Classified
FLSA:	Non-Exempt	SALARY GRADE:	054 OSS
ISSUED:	February 19, 2003		

BASIC FUNCTION:

Assist in the development and implementation of the centrally controlled computerized irrigation control system and operate, monitor, adjust, and maintain the system; support and participate in related functions of the district energy/utilities management program.

REPRESENTATIVE DUTIES: (Incumbents may perform any combination of the essential functions shown below. [This position description is not intended to be an exhaustive list of all duties, knowledge, or abilities associated with this classification, but is intended to accurately reflect the principal job elements.]

E = Essential Functions

Assist in the development and implementation of the district energy/utilities management program. **E**

Operate a centrally controlled computerized irrigation control system and perform continuous review of the system to monitor performance and to maintain settings and schedules. **E**

Utilize weather and water consumption data to set up and adjust schedules. **E**

Work with all levels of district staff to make recommendations and/or adjustments to resolve a variety of irrigation problems and issues; make site visits to survey landscape and soil conditions, determine and implement site requirements, and observe effectiveness. **E**

Test system efficiency as changes are made at established, remodeled, and newly constructed sites. **E**

Review plans and specifications and serve as technical resource for irrigation systems management and water conservation. **E**

Promote water consumption awareness within the district. **E**

Maintain a variety of records, research data, and prepare reports as required. **E**

Assist with developing and updating procedures manual to address irrigation management program guidelines and objectives. **E**

May respond to after-hours emergency calls for services as needed.

Participate in meetings as required; attend training seminars, vendor demonstrations, and courses to remain current with latest techniques and technologies. **E**

Perform related duties as assigned.

MINIMUM QUALIFICATIONS:

EDUCATION AND EXPERIENCE:

Any combination of training, experience, and/or education equivalent to graduation from a recognized two year college with a major in Horticulture, Landscape Management, or other closely related fields and three years of recent, full-time, paid experience in the horticulture and/or irrigation field including managing a computerized irrigation control system.

LICENSES AND OTHER REQUIREMENTS:

Possession of a valid California driver's license and availability of private transportation (mileage expense allowance provided).

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Landscape management, soil conditions, sub-climates, irrigation requirements, and computerized control systems operation, applications, and theory.

Applicable current laws, codes, and practices including knowledge of safety methods and practices.

Reading and writing English communication skills.

ABILITY TO:

Modify, implement, maintain, and trouble-shoot an automated irrigation control system.

Make sound recommendations for resolution of problems or change within program responsibilities.

Interpret plans and specifications.

Establish and maintain effective working relationships with all levels of district staff, vendors, and the public.

Plan and organize work to meet schedules and time lines.

Maintain records and prepare reports.

Analyze situations accurately and adopt an effective course of action.

Work independently with little direction.

WORKING CONDITIONS:

ENVIRONMENT:

Outdoor environment.

PHYSICAL REQUIREMENTS:

Strength and energy sufficient to maintain a rigorous work schedule involving driving, conducting extensive site surveys, and/or continuous, heavy physical exertion; hearing and speaking to exchange information; seeing to perform assigned duties; sitting or standing for extended periods of time; dexterity of hands and fingers to operate tools and equipment; kneeling, bending at the waist and reaching overhead, above the shoulders and horizontally as needed; climbing ladders, stairs, and scaffolding to make necessary inspections; lifting heavy objects.