

# Irrigation Control Manager

## Position Details

Class Code: 8246

Job Family: Service-Operations Workers

Classification: Support Professional

Terms of Employment: [Pay Grade 57 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under direction, manages a centrally-controlled computerized irrigation management program to monitor water consumption, schedules irrigation operations to satisfy District needs, and complies with local water restrictions; performs water audit efficiency testing for irrigation systems and inspects/recommends repairs, as required.

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## Essential Duties and Responsibilities

This list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Programs, monitors, and optimizes the irrigation centralized computer control system; collects, compiles, and interprets technical data through field and office research to ensure proper irrigation water use for the health of all plants and turf areas in the Clark County School District.
2. Executes projects to connect remote irrigation systems to the central control system; installs control system software updates; downloads irrigation operation/performance logs and weather data from remote sites used in the calculation of evapotranspiration (ET) rates; adjusts schedules according to special projects and programs and in concert with school principals, athletic staff, other trades/crafts, and the public.
3. Assists in the installation, repair, and maintenance of irrigation systems such as control timers, electrical irrigation devices, master valves, and flow sensors; reviews irrigation system repairs as necessary; advises and trains CCSD

- personnel on the operation of specialized controllers, flow sensors, master control valves, and related irrigation components.
4. Performs water audits on existing sports and activity fields and provides recommendations to improve water efficiency.
  5. Meets with vendors to obtain new product and equipment information, discuss service contracts, and to understand changes in central control system(s) operation based on software updates; makes recommendations for improvements to the computerized irrigation control system.
  6. Communicates with other public agencies (i.e., all local water districts, city public works, County Parks and Recreation Department, etc.) regarding irrigation activities and joint-use agreements.
  7. Assists in the supervision, review, and monitoring of contracted work to ensure compliance with plans and specifications.
  8. Communicates with other Sustainability, Energy, and Environmental Services staff to analyze District water bills and help forecast future water usage.
  9. Assists supervisor with inspection of significant site maintenance or capital projects and oversees the installation of technical equipment; directs or recommends implementation of corrective measures.
  10. Assists in preparing diagrams, sketches, and construction documents for work to be performed.
  11. Initiates work orders and requests for equipment.
  12. Supervises and provides input for the evaluation of assigned staff.
  13. Responds to and authorizes work in emergency situations.
  14. Conforms to safety standards, as prescribed.
  15. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Responsible for managing and coordinating the installation, repair, operation, and technical support services of a centrally-controlled computerized irrigation management program and its associated components.

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## **Knowledge, Skills, and Abilities (Position Expectations)**

1. Knowledge of sprinklers and related systems (i.e., irrigation, backflow prevention devices, controllers, etc.).

2. Knowledge of electrical and mechanical clocks and centrally-controlled networking and computer systems/components.
  3. Knowledge of basic electrical theory.
  4. Knowledge of landscaping practices and procedures.
  5. Knowledge of irrigation equipment and methods used in installing, maintaining, and repairing irrigation systems.
  6. Ability to learn and use various computerized operating systems (i.e., DOS, OS2, Windows).
  7. Ability to read, interpret, and apply schematic diagrams, blueprints, and manufacturer manuals.
  8. Ability to operate hand and power tools and equipment.
  9. Ability to distinguish color-coded wires.
  10. Ability to supervise and evaluate employees.
  11. Ability to communicate clearly, verbally and in writing.
  12. Ability to plan and organize work.
  13. Ability to work flexible hours or shifts.
  14. Ability to safely move and relocate heavy objects.
  15. Ability to perform physically demanding work.
  16. Ability to work in confined areas.
  17. Ability to withstand heights and extreme heat while performing work safely.
  18. Ability to meet predetermined deadlines.
  19. Ability to work cooperatively with employees, vendors/contractors, students, and the public.
  20. Ability to recognize and report hazards and apply safe work methods.
  21. Possess physical and mental stamina commensurate with the responsibilities of the position.
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## **Position Requirements**

### **Education, Training, and Experience**

1. High school graduation or other equivalent (i.e., General Educational Development (GED), foreign equivalency, etc.).
2. Five (5) years' experience in the landscape maintenance or construction field including two (2) years of experience with the installation and repair of irrigation systems.

## **Licenses and Certifications**

1. A valid driver's license that allows an applicant/employee to legally operate a motor vehicle in Nevada. License must be maintained for duration of assignment.
2. Copy of current driving history (dated within six (6) months from the date printed) issued by the Department of Motor Vehicles (DMV) at time of application or Qualified Selection Pool (QSP) placement and at time of interview prior to final selection.
3. Certified Landscape Irrigation Auditor (CLIA) through the Irrigation Association.

## **Preferred Qualifications**

1. Certification at Level II or above as a MaxiCom user.
2. Certification as a Certified Landscape Water Manager.
3. Courses in sprinkler design and water management.
4. Courses in horticulture.

## **Document(s) Required at Time of Application**

1. High school transcripts or other equivalent (i.e., GED, foreign equivalency, etc.).
  2. A valid driver's license that allows an applicant/employee to legally operate a motor vehicle in Nevada.
  3. Copy of current driving history (dated within six (6) months from the date printed) issued by the DMV.
  4. Water auditor certification, if applicable.
  5. Specific documented evidence or training and experience to satisfy qualifications.
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## **Examples of Assigned Work Areas**

Clark County School District Facilities Services Unit sites, school grounds (i.e., ball fields, mechanical equipment rooms), joint-use parks, warehouses, etc.

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## **Work Environment**

### **Strength**

Medium/heavy - exert force up to 50-100 lbs., occasionally; 25-50 lbs., frequently; or 10-20 lbs., constantly.

## **Physical Demand**

Frequent reaching, handling, repetitive fine motor activities, and feeling. Occasional talking and hearing. Mobility to work in a typical office setting and use standard office equipment. Stamina to remain seated and maintain concentration for an extended period of time. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Vision: Frequent near and far acuity, depth perception, focal length change and color vision. Vision to read printed and online materials, a Video Display Terminal (VDT) screen, or other monitoring devices.

## **Environmental Conditions**

Varies from a climate-controlled office/warehouse setting to work outdoors with temperatures ranging from mild/moderate to extreme cold/heat. Exposure to noise levels ranging from moderate to loud for occasional to frequent time periods.

## **Hazards**

Furniture, playground/office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment).

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## **Examples of Equipment/Supplies Used to Perform Tasks**

District-issued/personal vehicles, hand and power tools (i.e., screwdrivers, wrenches, drills, saws, etc.), digital multi-meters, various computers, printers, copy machines, fax machines, etc.

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## **AA/EOE Statement**

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

## **Job Revision Information**

- Revised: 05/12/23
- Created: 05/13/99