

## **ELK GROVE UNIFIED SCHOOL DISTRICT**

### **CLASS TITLE: GROUNDS/WATER QUALITY TECHNICIAN**

#### **BASIC FUNCTION:**

Under the direction of an assigned supervisor, perform skilled and semi-skilled work in the operation and maintenance of wells and pumping stations; maintain records related to work performed.

#### **ESSENTIAL FUNCTIONS:**

Perform skilled and semi-skilled work in the operation and maintenance of wells and pumping stations; assure compliance with applicable laws, codes, rules and regulations.

Maintain continuous and accurate records of work performed including chlorinator and well site inspections; make mathematical calculations.

Collect water samples in accordance with established procedures; drive a District vehicle to deliver samples to the lab for test processing.

Perform and interpret standardized water quality tests such as chlorine residual, PH levels, turbidity, alkalinity and jar tests; receive water quality test results according to established procedures and time lines; make dosage and related adjustments based upon the results of tests.

Perform scheduled and preventive maintenance checks on facility equipment such as pumps, chlorine injectors and motors; perform routine servicing, minor maintenance and adjustments to equipment.

Clean tanks, chemical feeders, reservoirs and filter basins, load and unload liquid containers as needed.

Monitor operation of water wells; read, meters and gauges, operating valves, pumps and other controls to adjust water flow, pressure and chemical dosages.

Perform mandated back flow testing according to governmental regulations.

Perform grounds maintenance work as assigned; operate a variety of power-driven equipment and tools used in grounds maintenance work.

Perform related duties as assigned.

**DEMONSTRATED KNOWLEDGE AND ABILITIES:**

**KNOWLEDGE OF:**

Grounds maintenance procedures including mowing, edging, raking and weeding.  
Methods, equipment and materials used in grounds maintenance work.  
Proper methods of storing equipment, materials and supplies.  
Health and safety regulations.  
Proper lifting techniques.  
Oral and written communication skills.  
Interpersonal skills using tact, patience and courtesy.  
Basic math.

**ABILITY TO:**

Learn principles, operation and maintenance requirements of pumps, motors and internal combustion engines.  
Learn basic principles and methods used in mechanical and electrical trades.  
Learn, apply and explain applicable laws, codes, rules and regulations related to assigned activities.  
Perform a variety of grounds maintenance duties in the beautification of assigned grounds and landscaped areas.  
Operate hand and power tools and other equipment used in grounds maintenance.  
Service and maintain assigned tools and equipment.  
Make mathematical calculations.  
Meet schedules and time lines.  
Work independently with little direction.  
Communicate effectively both orally and in writing.  
Establish and maintain cooperative and effective working relationships with others.  
Speak, read and write English at a level required for satisfactory job performance.  
Maintain consistent, punctual and regular attendance.  
Move hands and fingers to operate specialized tools and equipment.  
Hear and speak to exchange information.  
See to read a variety of materials.  
Sit or stand for extended periods of time.  
Reach overhead, above the shoulders and horizontally.  
Bend at the waist, stoop, kneel or crouch.  
Use proper lifting methods.

**EDUCATION AND EXPERIENCE REQUIRED:**

Any combination equivalent to: graduation from high school and two years of experience performing grounds maintenance duties.

**LICENSES AND OTHER REQUIREMENTS:**

Valid California Class C driver's license.

Incumbents must obtain a valid qualified Water Treatment Plant Operator Grade I Certificate and a Distribution System Grade I Certificate within 150 days of employment and maintain certification throughout employment in this classification.

Incumbents must obtain a valid AWWA Back Flow Prevention Assembly Test Certificate within 150 days of employment and maintain certification throughout employment in this classification.

Floor-lift 72 pounds and arm-lift 44 pounds.

**WORKING CONDITIONS:**

**ENVIRONMENT:**

Indoor and outdoor work environment.

Seasonal heat and cold or adverse weather conditions.

May be required to drive as needed.

Regular exposure to fumes, dust and odors.

**HAZARDS:**

Hazardous chemicals and fumes.

Working around and with machinery having moving parts.