



CITY OF REDLANDS
invites applications for the position of:
Senior Water Treatment Operator

An Equal Opportunity Employer

SALARY:

<u>Hourly</u>	<u>Biweekly</u>	<u>Monthly</u>	<u>Annually</u>
\$31.16 - \$37.87	\$2,492.50 - \$3,029.62	\$5,400.42 - \$6,564.17	\$64,805.00 - \$78,770.00

OPENING DATE: 02/15/18**CLOSING DATE:** Continuous**DESCRIPTION:**

Under direction, to perform a variety of skilled technical duties in the operation and maintenance of the City's water treatment plants, water production facilities, and reservoirs. Exercises technical and functional supervision over lower level staff.

EXAMPLES OF DUTIES:

- Operates and monitors water treatment plant facilities, including disinfection, coagulation, flocculation, and filtration process equipment;
- Operates and monitors the distribution system including boosters, wells, and reservoirs using SCADA;
- Collects samples and uses laboratory test equipment to ensure water is safe for human consumption as required by the California Department of Public Health and EPA regulations and State and Federal laws;
- Utilizes computers for operations and updating data;
- Observes variations in plant functions and operating conditions through the use of Supervisory Control and Data Acquisition (SCADA);
- Monitors charts, graphs, meters, instrument gauges, and electronic systems;
- Interprets changing process needs from laboratory results, chemical dose calculations, and observations;
- Makes adjustments to plant flow rate, chemical dosages, and process functions;
- Cleans and backwashes filters to maintain optimal treatment within C.D.P.H. guidelines;
- Handles hazardous materials;
- Receives and transfers chemicals, including chlorine, caustic soda, alum, ammonia, potassium permanganate, activated carbon, sodium hypochlorite and polymers, including anionic, non-anionic, and cationic;
- Changes out 1-ton chlorine cylinders and deliveries sodium hypochlorite to remote sites as needed;
- Regulates flow and pressure through seven pressure zones of the distribution system utilizing reservoirs, transmission mains, control valves, booster stations, wells, and treatment facilities manually and remotely with the add of SCADA;
- Operates water production facilities to maintain reservoir storage

capacity;

- Tests and adjusts chlorine equipment to maintain and ensure proper residual, tabulate flow readings, assess overall well site, and make appropriate adjustments for proper operation;
- Transports and changes hazardous chlorine gas cylinders;
- Performs maintenance on chlorine injectors, pumps, and feed regulators;
- Measures and records water table information at well sites;
- Assesses overall appearance and notes any deficiency;
- Informs supervisor and co-workers of present and potential problems and hazards;
- Makes recommendations of operational changes to enhance production efficiency and function;
- Monitors treatment equipment performance, including Ion Exchange and blending facilities, to ensure compliance to State and Federal laws, rules, and regulations;
- Coordinates maintenance and repair activities with water production maintenance personnel;
- Conducts tours of treatment facilities for outside agencies and groups;
- Performs minor, and assists in major, plant equipment maintenance including electric motors, pumps, gear housings, chlorination equipment, and facility repairs;
- Drains, inspects, and cleans plant and reservoir structures;
- Performs a variety of custodial duties to ensure treatment plant and associated facilities are maintained in a clean, orderly, and safe condition, both inside and outside;
- May assist with the lead supervision and training of new personnel;
- May assist with lead supervision duties in the absence of the water treatment supervisor; and
- Performs related duties and responsibilities as assigned.

QUALIFICATIONS: Experience:

- Four years of water utility experience performing maintenance and routine operation duties in a water treatment plant.

Education:

- Equivalent to a high school diploma;
- Additional college level course work in chemistry, biology, or a related field is desirable.

Licenses and Certificates:

- Possession and maintenance of an appropriate, valid driver's license.
- Possession of a Grade T4 Water Treatment Operator Certificate issued by the California Department of Health.
 - Possession of a Grade T5 Water Treatment Operator Certificate issued by the California Department of Health is desirable.
- Possession of a Grade D3 Water Distribution Operator Certificate issued by the California Department of Health or ability to obtain within one year.
- Possession of a Grade D4 Water Distribution Operator Certificate

issued by the California Department of Health is desirable.

Special Requirements:

Essential functions and duties require the following physical abilities and work environment:

- Ability to sit, stand, walk, kneel, crouch, stoop, squat, crawl, twist, climb, and lift up to 100 lbs.;
- Exposure to heat, noise, outdoors, vibration, confining work space, chemicals, explosive materials, mechanical hazards, electrical hazards, and traffic hazards;
- Ability to distinguish color and wear protective apparel;
- Ability to travel to different sites and locations.
- Must be available for call-out duty.



APPLICATIONS MAY BE OBTAINED AND FILED ONLINE AT:

<http://www.cityofredlands.org>

ALTERNATIVE FORMAT MAY BE OBTAINED AT:

35 Cajon St

Redlands, CA 92373

909 798 7514

Job #00854

SENIOR WATER TREATMENT OPERATOR

EM

An Equal Opportunity Employer

Senior Water Treatment Operator Supplemental Questionnaire

- * 1. Do you have a current valid Driver's License?
- Yes
 No
- * 2. Do you have a minimum of four years of water utility experience performing maintenance and routine operation duties in a water treatment plant?
- Yes
 No
- * 3. What is the highest grade level of Water Treatment Operator Certification that you currently possess?
- None
 T1
 T2
 T3
 T4
 T5
- * 4. What is the highest grade level of Water Distribution Operator Certification that you currently possess?
- None
 D1
 D2
 D3
 D4
 D5
- * 5. What is the extent of your formal education?
- None
 High School or Equivalent
 AS/AA (Associates Degree)
 BS/BA (Bachelors Degree)
 MA/MS (Masters Degree)

* Required Question