



**DES MOINES WATER WORKS**  
invites applications for the position of:

## **Water Production Specialist**

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**SALARY:** \$33.21 - \$39.58 Hourly  
\$69,076.80 - \$82,326.40 Annually

**OPENING DATE:** 09/28/22

**CLOSING DATE:** 10/08/22 05:00 PM

### **JOB SUMMARY:**

Under the supervision of the Supervisor of Operators Water Production, controls and operates all treatment and pumping facilities necessary to produce high quality adequate quantities of water to meet system demand as economically as possible. Will on occasion be the operator in charge after normal business hours and maintain equipment, as assigned.

**The hours for this position are Monday through Friday 7:00am to 3:30pm with a rotating every other weekend overnight shift of 11:00pm to 7:00am.**

### **EXAMPLES OF ESSENTIAL JOB FUNCTIONS:**

Controls, operates, and monitors all treatment plant pumps and related equipment.

Regulates treatment plant production to meet system demand.

Monitors and controls the distribution of system water resources, to insure a sufficient supply of water to all customers.

Using the SCADA systems, monitors treatment process and system performance data, to insure the production of high quality water and proper operation of all equipment.

Monitor the status of treatment processes by performing mini-lab analysis and reviewing lab test results.

Evaluates the treatment process chemical selection, feed rate and results, to make sure they are appropriate, based on desired water quality results and current raw water quality.

Controls and operates diesel driven pump, boiler system and emergency generator as required.

Operates microprocessors controls and observes in-plant instrumentation for chemical feed systems, pumps, and treatment processes.

Keeps accurate daily logs of operating data and activities for the water treatment process and remote facilities operation.

Monitor weather, fire, and security systems, acknowledges alarm, and make appropriate communication contacts in emergency situations.

Coordinates the duties and responsibilities of the other Operators as needed, to insure the

efficient and effective operation of the Fleur Drive treatment and other remote facilities.

Assists Operator in duties relating to water treatment, water distribution, and heating/ventilating systems.

Prepares and completes required reports, daily records, time sheets, and work orders.

Determines urgency of requests and coordinates notification of personnel during regular hours and off hours to ensure proper response to emergencies.

Works in a team environment with minimum supervision.

Communicates and coordinates with internal and external customers through the use of computers, reports, charts, and process knowledge.

Operates, adjusts, and maintains the lime slakers and the lime slurry feed equipment.

Determines the number of filters required, maintains filter water levels, and backwashes filters.

Collect and analyzes water samples from raw water sources, pre-sed and softening basins, filters, and finished water source for pH, hardness, alkalinity, and turbidity control. Make necessary adjustments to maintain desired results.

Performs periodic inspections of basins, filters, low lift pumps, Flooding Station, Raccoon River intake, chemical feed systems and process equipment.

Maintains and repairs treatment plant equipment including basins, tanks, chemical feeders, pumps, valves, tools, electrical, plumbing and heating systems.

Assists in the unloading and loading of chemicals and equipment.

Performs preventive, normal, and emergency maintenance on water treatment equipment, using required tools.

Performs general maintenance and lubrication on all equipment in a safe, clean, and orderly manner.

Operates company vehicles and other work equipment in a safe manner. Maintains a safe, clean, and orderly work area.

Performs other duties of a similar nature.

## **QUALIFICATIONS:**

### **Education:**

High School Diploma or GED.

### **Experience:**

One year of experience performing maintenance or construction work involving trouble-shooting, problem solving, reasoning and independent decision making or one-year experience working at a water treatment plant. Additional education related to water treatment may be substituted for the required maintenance and construction experience.

### **Licenses/Certifications:**

- Valid Iowa Driver's license with a good driving record.
- Must complete apprenticeship program **within three years of appointment to the position.**

- Class II Stationary Engineer Boiler License within 3 years of appointment of position.

### **Preferred Qualifications**

- Iowa Grade 2 Water Distribution or Treatment Operator's Certificate.
- Experience at a water treatment plant.
- Two years of college or Associates Degree.

## **SUPPLEMENTAL INFORMATION:**

Frequently lifts more than 100 pounds

### **Des Moines Water Works is an Equal Opportunity Employer Veterans/Disabled**

The selection process consists of an evaluation of education and experience, an interview, completion of selected assessments and completion of a criminal background check, which includes a sex offender registry check. The selected candidate must also be able to pass a preemployment drug screen and physical.

**E-Verify Process:** Des Moines Water Works participates in E-Verify and will provide the Social Security Administration (SSA) and, if necessary, the Department of Homeland Security (DHS), with information from each applicant's Form I-9 to confirm work authorization. All candidates who are offered a position with Des Moines Water Works must complete Section 1 of Form I-9 along with the required proof of their right to work in the United States and proof of their identity prior to starting employment. Please be prepared to provide required documents as soon as possible after the job offer has been made. For additional information regarding acceptable documents for this purpose, please contact Human Resources at 515-283-8701 or go to the US Citizenship and Immigration Services web page at: <http://www.uscis.gov>.

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APPLICATIONS MAY BE FILED ONLINE AT:  
<http://www.dmww.com/careers>

Position #4-1918-22  
WATER PRODUCTION SPECIALIST  
RB

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