



*City of Evanston*

*Position Opening*

Water Treatment Plant Operator

This position is responsible for the operation and maintenance of the water treatment plant and related infrastructure.

Full time position

Open until filled.

Employees interested please contact Diane Harris at:

307-783-6327

[DHarris@evanstonwy.org](mailto:DHarris@evanstonwy.org)

Entry salary - \$43,284.41



## Water Treatment Plant Operator

Public Works – Water Treatment

PW-WT/2

### JOB SUMMARY

This position is responsible for the operations and maintenance of water treatment plants and related infrastructure. An incumbent in this position may be designated “Water Treatment Plant Operator II,” “Water Treatment Plant Operator III,” and “Water Treatment Plant Operator IV.”

### MAJOR DUTIES

- Operates water treatment plant equipment to ensure the provision of potable water.
- Collects and analyzes water samples; makes plant operational adjustments as indicated; prepares related reports and maintains related files and records.
- Monitors plant operations using the SCADA system.
- Performs preventive maintenance on pumps, filters, motors, and other equipment to ensure proper function and to detect problems and repair needs.
- Backwashes and repairs filters.
- Repairs equipment, pumps, motors, chemical feed systems, valves, and other plant equipment.
- Calculates flow rates, chemical usage, reservoir levels, and detention times.
- Ensures compliance with state and federal regulations.
- Inspects plant equipment, pump stations, water reservoirs, and water connection sites; maintains related records and prepares related reports.
- Cleans and maintains plant facilities.
- Performs related duties.
- Responds to and participates in on call assignments and responsibilities.

### KNOWLEDGE REQUIRED BY THE POSITION

- Knowledge of water treatment principles, operations, materials, and equipment.

- Knowledge of chemistry, mathematics, and biology.
- Knowledge of SCADA systems and operations principles.
- Knowledge of federal and state regulatory requirements.
- Knowledge of computers and job-related software programs.
- Skill in the interpretation of plans, maps, and specifications.
- Skill in the operation and maintenance of mechanical and electronic equipment.
- Skill in planning, organization, and decision making.
- Skill in oral and written communication.

### SUPERVISORY CONTROLS

The Water Treatment Plant Manager assigns work in terms of general instructions. The supervisor spot-checks completed work for compliance with procedures and the nature and propriety of the final results.

### GUIDELINES

Guidelines include federal and state regulations, permit requirements, and city policies and procedures. These guidelines are generally clear and specific but may require some interpretation in application.

### COMPLEXITY/SCOPE OF WORK

- The work consists of related plant operation duties. Changing water conditions contribute to the complexity of the position.
- The purpose of this position is to maintain and operate water treatment plant equipment. Successful performance helps ensure the efficiency and effectiveness of plant operations.

### CONTACTS

- Contacts are typically with co-workers, other city employees, vendors, suppliers, contractors, and the general public.
- Contacts are typically to give or exchange information, resolve problems, and provide services.

### PHYSICAL DEMANDS/ WORK ENVIRONMENT

- The work is typically performed while sitting at a desk or table or while standing, walking, bending, crouching, or stooping. The employee frequently lifts light and heavy objects, climbs ladders, uses tools or equipment requiring a high degree of dexterity, distinguishes between shades of color, and utilizes the sense of smell.
- The work is typically performed at water treatment facilities and outdoors, occasionally in cold or

inclement weather. The employee is exposed to noise, dust, dirt, grease, machinery with moving parts, contagious of infectious diseases, and irritating chemicals.

#### SUPERVISORY AND MANAGEMENT RESPONSIBILITY

None.

#### MINIMUM QUALIFICATIONS

- Knowledge and level of competency commonly associated with completion of specialized training in the field of work, in addition to basic skills typically associated with a high school education.
- Sufficient experience to understand the basic principles relevant to the major duties of the position, usually associated with the completion of an apprenticeship/internship or having had a similar position for one to two years.
- Possession of or ability to readily obtain a valid driver's license issued by the State of Wyoming for the type of vehicle or equipment operated.
- Possession of a Wyoming Level I Water Treatment Plant Operator Certification.